



THE UNIVERSITY OF BURDWAN
B.Sc. 3 YEAR DEGREE HONOURS FINAL EXAMINATION 2020 UNDER CBCS
GRADE CARD

Name: ABDUL RUSSEL SARKAR

Honours: MATHEMATICS

Roll No. 170331000001

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	7	6	42	2017	5.50	5.64	Q
		CC-2	Algebra	4	6	24	2017			
	PHYSICS	GE-1	Mechanics	5	6	30	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
II	MATHEMATICS	CC-3	Real Analysis	5	6	30	2018	4.50	4.90	Q
		CC-4	Differential Equations and Vector Calculus	4	6	24	2018			
	PHYSICS	GE-2	Electricity and Magnetism	5	6	30	2018			
	Communicative English/MIL	AECC-2	Communicative English	7	2	14	2018			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	4	6	24	2018	4.67	5.23	Q
		CC-6	Group Theory I	4	6	24	2018			
		CC-7	Numerical Methods	6	6	36	2018			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	7	6	42	2018			
	MATHEMATICS	SEC-1	Logic and Sets	5	2	10	2018			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	4	6	24	2019	SNC		
		CC-9	Multivariate Calculus	NA	6	NA				
		CC-10	Ring Theory and Linear Algebra I	4	6	24	2019			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	6	6	36	2019			
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2019			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	7	6	42	2019	5.75	5.75	Q
		CC-12	Mechanics I	5	6	30	2019			
	MATHEMATICS	DSE-1	Linear Programming	6	6	36	2019			
		DSE-2	Probability & Statistics	5	6	30	2019			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2020	10.00	10.00	Q
		CC-14	Ring Theory and Linear Algebra II	10	6	60	2020			
	MATHEMATICS	DSE-3	Project Work	10	6	60	2020			
		DSE-4	Mechanics II	10	6	60	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs :							Letter Grade in CGPA :		Result : PNC	
CGPA (Cumulative Grade Point Average) on the basis of All Courses :										

Date of Publication of Result : 29.10.2020

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

$$CGPA = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or All semesters not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage of Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



THE UNIVERSITY OF BURDWAN
B.Sc. 3 YEAR DEGREE HONOURS FINAL EXAMINATION 2020 UNDER CBCS
GRADE CARD

Name: ABDUR RAHAMAN

Honours: MATHEMATICS

Roll No. 170331000002

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	5	6	30	2017	5.50	5.91	Q
		CC-2	Algebra	6	6	36	2017			
	PHYSICS	GE-1	Mechanics	6	6	36	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
II	MATHEMATICS	CC-3	Real Analysis	8	6	48	2018	8.00	8.10	Q
		CC-4	Differential Equations and Vector Calculus	8	6	48	2018			
	PHYSICS	GE-2	Electricity and Magnetism	8	6	48	2018			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	7	6	42	2018	7.00	7.23	Q
		CC-6	Group Theory I	6	6	36	2018			
		CC-7	Numerical Methods	8	6	48	2018			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	8	6	48	2018			
	MATHEMATICS	SEC-1	Logic and Sets	7	2	14	2018			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	8	6	48	2019	7.67	7.69	Q
		CC-9	Multivariate Calculus	7	6	42	2019			
		CC-10	Ring Theory and Linear Algebra I	8	6	48	2019			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2019			
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2019			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	9	6	54	2019	7.25	7.25	Q
		CC-12	Mechanics I	6	6	36	2019			
	MATHEMATICS	DSE-1	Linear Programming	7	6	42	2019			
		DSE-2	Probability & Statistics	7	6	42	2019			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2020	10.00	10.00	Q
		CC-14	Ring Theory and Linear Algebra II	10	6	60	2020			
	MATHEMATICS	DSE-3	Project Work	10	6	60	2020			
		DSE-4	Mechanics II	10	6	60	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.78							Letter Grade in CGPA : A		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.70										

Date of Publication of Result : 29.10.2020

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

$$CGPA = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or All semesters not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage of Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



THE UNIVERSITY OF BURDWAN
B.Sc. 3 YEAR DEGREE HONOURS FINAL EXAMINATION 2020 UNDER CBCS
GRADE CARD

Name: ABIR DUTTA

Honours: ZOOLOGY

Roll No. 170331000003

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	ZOOLOGY	CC-1	Non-chordates I	7	6	42	2017	7.50	7.00	Q
		CC-2	Ecology	8	6	48	2017			
	BOTANY	GE-1	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	6	6	36	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
II	ZOOLOGY	CC-3	Non-chordates II	8	6	48	2018	7.50	7.90	Q
		CC-4	Cell Biology	7	6	42	2018			
	BOTANY	GE-2	Plant Ecology and Taxonomy	8	6	48	2018			
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2018			
III	ZOOLOGY	CC-5	Chordates	8	6	48	2018	8.33	7.69	Q
		CC-6	Animal Physiology: Controlling and Coordinating Systems	9	6	54	2018			
		CC-7	Fundamentals of Biochemistry	8	6	48	2018			
	PHYSIOLOGY	GE-3	Respiratory and Cardiovascular Physiology	6	6	36	2018			
	ZOOLOGY	SEC-1	Apiculture	7	2	14	2018			
IV	ZOOLOGY	CC-8	Comparative Anatomy of Vertebrates	7	6	42	2019	6.67	7.00	Q
		CC-9	Animal Physiology: Life Sustaining Systems	6	6	36	2019			
		CC-10	Immunology	7	6	42	2019			
	PHYSIOLOGY	GE-4	Endocrinology, Renal Physiology, Skin and Body Temperature Regulation	8	6	48	2019			
	ZOOLOGY	SEC-2	Aquarium Fish Keeping	7	2	14	2019			
V	ZOOLOGY	CC-11	Molecular Biology	8	6	48	2019	8.25	8.25	Q
		CC-12	Genetics	8	6	48	2019			
	ZOOLOGY	DSE-1	Animal Biotechnology	8	6	48	2019			
		DSE-2	Parasitology	9	6	54	2019			
VI	ZOOLOGY	CC-13	Developmental Biology	8	6	48	2020	8.25	8.25	Q
		CC-14	Evolutionary Biology	8	6	48	2020			
	ZOOLOGY	DSE-3	Animal Behaviour	8	6	48	2020			
		DSE-4	Endocrinology	9	6	54	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.83							Letter Grade in CGPA : A		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.68										

Date of Publication of Result : 29.10.2020

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

$$CGPA = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or All semesters not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage of Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



THE UNIVERSITY OF BURDWAN
B.Sc. 3 YEAR DEGREE HONOURS FINAL EXAMINATION 2020 UNDER CBCS
GRADE CARD

Name: ADITI MONDAL

Honours: MATHEMATICS

Roll No. 170331000004

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	4	6	24	2017	4.50	5.45	Q
		CC-2	Algebra	5	6	30	2017			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	7	6	42	2017			
		ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24			
II	MATHEMATICS	CC-3	Real Analysis	8	6	48	2018	6.00	6.60	Q
		CC-4	Differential Equations and Vector Calculus	4	6	24	2018			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	7	6	42	2018			
		Communicative English/MIL	AECC-2	Bengali	9	2	18			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	5	6	30	2018	5.33	5.69	Q
		CC-6	Group Theory I	4	6	24	2018			
		CC-7	Numerical Methods	7	6	42	2018			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	6	6	36	2018			
	MATHEMATICS	SEC-1	Logic and Sets	8	2	16	2018			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	7	6	42	2019	6.33	6.31	Q
		CC-9	Multivariate Calculus	6	6	36	2019			
		CC-10	Ring Theory and Linear Algebra I	6	6	36	2019			
	PHYSICS	GE-4	Waves and Optics	5	6	30	2019			
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2019			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	8	6	48	2019	5.50	5.50	Q
		CC-12	Mechanics I	4	6	24	2019			
	MATHEMATICS	DSE-1	Linear Programming	6	6	36	2019			
		DSE-2	Probability & Statistics	4	6	24	2019			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2020	10.00	10.00	Q
		CC-14	Ring Theory and Linear Algebra II	10	6	60	2020			
	MATHEMATICS	DSE-3	Project Work	10	6	60	2020			
		DSE-4	Mechanics II	10	6	60	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 6.56							Letter Grade in CGPA : B+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 6.59										

Date of Publication of Result : 29.10.2020

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

$$CGPA = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

Anindya Jyoti Pal
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or All semesters not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage of Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



THE UNIVERSITY OF BURDWAN
B.Sc. 3 YEAR DEGREE HONOURS FINAL EXAMINATION 2020 UNDER CBCS
GRADE CARD

Name: ADITYA DAS

Honours: MATHEMATICS

Roll No. 170331000005

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	5	6	30	2017	5.00	5.18	Q
		CC-2	Algebra	5	6	30	2017			
	PHYSICS	GE-1	Mechanics	5	6	30	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017			
II	MATHEMATICS	CC-3	Real Analysis	8	6	48	2018	7.00	6.80	Q
		CC-4	Differential Equations and Vector Calculus	6	6	36	2018			
	PHYSICS	GE-2	Electricity and Magnetism	6	6	36	2018			
	Communicative English/MIL	AECC-2	Communicative English	8	2	16	2018			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	5	6	30	2018	5.67	5.92	Q
		CC-6	Group Theory I	5	6	30	2018			
		CC-7	Numerical Methods	7	6	42	2018			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	6	6	36	2018			
	MATHEMATICS	SEC-1	Logic and Sets	8	2	16	2018			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	5	6	30	2019	5.00	5.62	Q
		CC-9	Multivariate Calculus	4	6	24	2019			
		CC-10	Ring Theory and Linear Algebra I	6	6	36	2019			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	6	6	36	2019			
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2019			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	9	6	54	2019	SNC		
		CC-12	Mechanics I	4	6	24	2019			
	MATHEMATICS	DSE-1	Linear Programming	6	6	36	2019			
		DSE-2	Probability & Statistics	NA	6	NA				
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2020	10.00	10.00	Q
		CC-14	Ring Theory and Linear Algebra II	10	6	60	2020			
	MATHEMATICS	DSE-3	Project Work	10	6	60	2020			
		DSE-4	Mechanics II	10	6	60	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs :							Letter Grade in CGPA :		Result : PNC	
CGPA (Cumulative Grade Point Average) on the basis of All Courses :										

Date of Publication of Result : 29.10.2020

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

$$CGPA = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or All semesters not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage of Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



THE UNIVERSITY OF BURDWAN
B.Sc. 3 YEAR DEGREE HONOURS FINAL EXAMINATION 2020 UNDER CBCS
GRADE CARD

Name: AGAMONI SAHA

Honours: MATHEMATICS

Roll No. 170331000006

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	5	6	30	2017	5.50	6.18	Q
		CC-2	Algebra	6	6	36	2017			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	7	6	42	2017			
		ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28			
II	MATHEMATICS	CC-3	Real Analysis	6	6	36	2018	5.50	6.00	Q
		CC-4	Differential Equations and Vector Calculus	5	6	30	2018			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	6	6	36	2018			
		Communicative English/MIL	AECC-2	Bengali	9	2	18			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	4	6	24	2018	5.00	5.38	Q
		CC-6	Group Theory I	4	6	24	2018			
		CC-7	Numerical Methods	7	6	42	2018			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	6	6	36	2018			
	MATHEMATICS	SEC-1	Logic and Sets	7	2	14	2018			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	5	6	30	2019	4.67	4.92	Q
		CC-9	Multivariate Calculus	4	6	24	2019			
		CC-10	Ring Theory and Linear Algebra I	5	6	30	2019			
	PHYSICS	GE-4	Waves and Optics	4	6	24	2019			
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2019			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	8	6	48	2019	9.50	9.50	Q
		CC-12	Mechanics I	NA	6	NA				
	MATHEMATICS	DSE-1	Linear Programming	4	6	24	2019			
		DSE-2	Probability & Statistics	NA	6	NA				
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	9	6	54	2020	9.50	9.50	Q
		CC-14	Ring Theory and Linear Algebra II	9	6	54	2020			
	MATHEMATICS	DSE-3	Project Work	10	6	60	2020			
		DSE-4	Mechanics II	10	6	60	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs :							Letter Grade in CGPA :		Result : PNC	
CGPA (Cumulative Grade Point Average) on the basis of All Courses :										

Date of Publication of Result : 29.10.2020

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

$$CGPA = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

Avinnya Zyoti Pal
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or All semesters not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage of Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



THE UNIVERSITY OF BURDWAN
B.Sc. 3 YEAR DEGREE HONOURS FINAL EXAMINATION 2020 UNDER CBCS
GRADE CARD

Name: AMIT KUMAR MONDAL

Honours: MATHEMATICS

Roll No. 170331000007

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	5	6	30	2018	5.50	6.18	Q
		CC-2	Algebra	6	6	36	2018			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	7	6	42	2018			
		AECC-1	Fundamentals of Environmental Studies	7	4	28	2018			
II	MATHEMATICS	CC-3	Real Analysis	6	6	36	2018	5.00	5.80	Q
		CC-4	Differential Equations and Vector Calculus	4	6	24	2018			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	6	6	36	2018			
		AECC-2	Bengali	10	2	20	2018			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	5	6	30	2018	5.67	5.62	Q
		CC-6	Group Theory I	4	6	24	2018			
		CC-7	Numerical Methods	8	6	48	2018			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	5	6	30	2018			
	MATHEMATICS	SEC-1	Logic and Sets	7	2	14	2018			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	7	6	42	2019	SNC		
		CC-9	Multivariate Calculus	NA	6	NA				
		CC-10	Ring Theory and Linear Algebra I	6	6	36	2019			
	PHYSICS	GE-4	Waves and Optics	5	6	30	2019			
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2019			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	8	6	48	2019	5.25	5.25	Q
		CC-12	Mechanics I	4	6	24	2019			
	MATHEMATICS	DSE-1	Linear Programming	5	6	30	2019			
		DSE-2	Probability & Statistics	4	6	24	2019			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2020	10.00	10.00	Q
		CC-14	Ring Theory and Linear Algebra II	10	6	60	2020			
	MATHEMATICS	DSE-3	Project Work	10	6	60	2020			
		DSE-4	Mechanics II	10	6	60	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs :							Letter Grade in CGPA :		Result : PNC	
CGPA (Cumulative Grade Point Average) on the basis of All Courses :										

Date of Publication of Result : 29.10.2020

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

$$CGPA = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

Anindya Jyoti Pal
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or All semesters not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage of Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



THE UNIVERSITY OF BURDWAN
B.Sc. 3 YEAR DEGREE HONOURS FINAL EXAMINATION 2020 UNDER CBCS
GRADE CARD

Name: AMRITO BISWAS

Honours: ZOOLOGY

Roll No. 170331000008

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	ZOOLOGY	CC-1	Non-chordates I	7	6	42	2017	7.00	7.00	Q
		CC-2	Ecology	7	6	42	2017			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	7	6	42	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
II	ZOOLOGY	CC-3	Non-chordates II	8	6	48	2018	6.50	6.70	Q
		CC-4	Cell Biology	5	6	30	2018			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	6	6	36	2018			
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2018			
III	ZOOLOGY	CC-5	Chordates	7	6	42	2018	7.33	7.23	Q
		CC-6	Animal Physiology: Controlling and Coordinating Systems	8	6	48	2018			
		CC-7	Fundamentals of Biochemistry	7	6	42	2018			
	BOTANY	GE-3	Plant Anatomy and Embryology	7	6	42	2018			
	ZOOLOGY	SEC-1	Apiculture	7	2	14	2018			
IV	ZOOLOGY	CC-8	Comparative Anatomy of Vertebrates	6	6	36	2019	6.67	7.00	Q
		CC-9	Animal Physiology: Life Sustaining Systems	7	6	42	2019			
		CC-10	Immunology	7	6	42	2019			
	BOTANY	GE-4	Plant Physiology and Metabolism	8	6	48	2019			
	ZOOLOGY	SEC-2	Aquarium Fish Keeping	7	2	14	2019			
V	ZOOLOGY	CC-11	Molecular Biology	8	6	48	2019	8.00	8.00	Q
		CC-12	Genetics	8	6	48	2019			
	ZOOLOGY	DSE-1	Animal Biotechnology	8	6	48	2019			
		DSE-2	Parasitology	8	6	48	2019			
VI	ZOOLOGY	CC-13	Developmental Biology	9	6	54	2020	8.75	8.75	Q
		CC-14	Evolutionary Biology	9	6	54	2020			
	ZOOLOGY	DSE-3	Animal Behaviour	8	6	48	2020			
		DSE-4	Endocrinology	9	6	54	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.56							Letter Grade in CGPA : A		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.46										

Date of Publication of Result : 29.10.2020

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

$$CGPA = \frac{\sum_{i=1}^N (G_i \times V_i)}{\sum_{i=1}^N V_i}$$

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs. <5 or All semesters not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage of Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



THE UNIVERSITY OF BURDWAN
B.Sc. 3 YEAR DEGREE HONOURS FINAL EXAMINATION 2020 UNDER CBCS
GRADE CARD

Name: ANIRBAN BHATTACHARJEE

Honours: CHEMISTRY

Roll No. 17033100011

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	CHEMISTRY	CC-1	Organic Chemistry-I	9	6	54	2017	9.00	8.09	Q
		CC-2	Physical Chemistry-I	9	6	54	2017			
	PHYSICS	GE-1	Mechanics	7	6	42	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
II	CHEMISTRY	CC-3	Inorganic Chemistry-I	9	6	54	2018	9.00	8.70	Q
		CC-4	Organic Chemistry-II	9	6	54	2018			
	PHYSICS	GE-2	Electricity and Magnetism	8	6	48	2018			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
III	CHEMISTRY	CC-5	Physical Chemistry-II	9	6	54	2018	9.00	8.31	Q
		CC-6	Inorganic Chemistry-II	9	6	54	2018			
		CC-7	Organic Chemistry-III	9	6	54	2018			
	MATHEMATICS	GE-3	Real Analysis	6	6	36	2018			
	CHEMISTRY	SEC-1	Basic Analytical Chemistry	9	2	18	2018			
IV	CHEMISTRY	CC-8	Physical Chemistry-III	7	6	42	2019	8.33	8.54	Q
		CC-9	Inorganic Chemistry-III	9	6	54	2019			
		CC-10	Organic Chemistry - IV	9	6	54	2019			
	MATHEMATICS	GE-4	Algebra	9	6	54	2019			
	CHEMISTRY	SEC-2	Pharmaceutical Chemistry	9	2	18	2019			
V	CHEMISTRY	CC-11	Inorganic Chemistry-IV	9	6	54	2019	8.75	8.75	Q
		CC-12	Organic Chemistry-V	9	6	54	2019			
	CHEMISTRY	DSE-1	Advanced Physical Chemistry	9	6	54	2019			
		DSE-2	Analytical Methods in Chemistry	8	6	48	2019			
VI	CHEMISTRY	CC-13	Inorganic Chemistry-V	9	6	54	2020	9.50	9.50	Q
		CC-14	Physical Chemistry-IV	10	6	60	2020			
	CHEMISTRY	DSE-3	Green Chemistry	10	6	60	2020			
		DSE-4	Inorganic Materials of Industrial Importance	9	6	54	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.94							Letter Grade in CGPA : A+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.65										

Date of Publication of Result : 29.10.2020

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

$$CGPA = \frac{\sum_{i=1}^N (G_i \times V_i)}{\sum_{i=1}^N V_i}$$

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or All semesters not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage of Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



THE UNIVERSITY OF BURDWAN
B.Sc. 3 YEAR DEGREE HONOURS FINAL EXAMINATION 2020 UNDER CBCS
GRADE CARD

Name: ANJAN DAS

Honours: MATHEMATICS

Roll No. 170331000013

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	6	6	36	2017	6.50	6.45	Q
		CC-2	Algebra	7	6	42	2017			
	PHYSICS	GE-1	Mechanics	6	6	36	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
II	MATHEMATICS	CC-3	Real Analysis	6	6	36	2018	5.50	6.00	Q
		CC-4	Differential Equations and Vector Calculus	5	6	30	2018			
	PHYSICS	GE-2	Electricity and Magnetism	6	6	36	2018			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	5	6	30	2018	4.67	5.08	Q
		CC-6	Group Theory I	4	6	24	2018			
		CC-7	Numerical Methods	5	6	30	2018			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	5	6	30	2018			
	MATHEMATICS	SEC-1	Logic and Sets	9	2	18	2018			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	5	6	30	2019	SNC		
		CC-9	Multivariate Calculus	NA	6	NA				
		CC-10	Ring Theory and Linear Algebra I	5	6	30	2019			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2019			
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2019			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	7	6	42	2019	5.75	5.75	Q
		CC-12	Mechanics I	4	6	24	2019			
	MATHEMATICS	DSE-1	Linear Programming	6	6	36	2019			
		DSE-2	Probability & Statistics	6	6	36	2019			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2020	10.00	10.00	Q
		CC-14	Ring Theory and Linear Algebra II	10	6	60	2020			
	MATHEMATICS	DSE-3	Project Work	10	6	60	2020			
		DSE-4	Mechanics II	10	6	60	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs :							Letter Grade in CGPA :		Result : PNC	
CGPA (Cumulative Grade Point Average) on the basis of All Courses :										

Date of Publication of Result : 29.10.2020

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

$$CGPA = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or All semesters not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage of Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



THE UNIVERSITY OF BURDWAN
B.Sc. 3 YEAR DEGREE HONOURS FINAL EXAMINATION 2020 UNDER CBCS
GRADE CARD

Name: ANJAN PRAMANIK

Honours: CHEMISTRY

Roll No. 170331000014

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	CHEMISTRY	CC-1	Organic Chemistry-I	8	6	48	2018	7.50	6.91	Q
		CC-2	Physical Chemistry-I	7	6	42	2018			
	MATHEMATICS	GE-1	Differential Calculus	5	6	30	2018			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2018			
II	CHEMISTRY	CC-3	Inorganic Chemistry-I	7	6	42	2018	7.00	7.20	Q
		CC-4	Organic Chemistry-II	7	6	42	2018			
	MATHEMATICS	GE-2	Differential Equations	7	6	42	2018			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
III	CHEMISTRY	CC-5	Physical Chemistry-II	7	6	42	2018	8.00	7.31	Q
		CC-6	Inorganic Chemistry-II	9	6	54	2018			
		CC-7	Organic Chemistry-III	8	6	48	2018			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	5	6	30	2018			
	CHEMISTRY	SEC-1	Basic Analytical Chemistry	8	2	16	2018			
IV	CHEMISTRY	CC-8	Physical Chemistry-III	5	6	30	2019	6.00	6.00	Q
		CC-9	Inorganic Chemistry-III	6	6	36	2019			
		CC-10	Organic Chemistry - IV	7	6	42	2019			
	PHYSICS	GE-4	Waves and Optics	5	6	30	2019			
	CHEMISTRY	SEC-2	Pharmaceutical Chemistry	9	2	18	2019			
V	CHEMISTRY	CC-11	Inorganic Chemistry-IV	7	6	42	2019	6.75	6.75	Q
		CC-12	Organic Chemistry-V	6	6	36	2019			
	CHEMISTRY	DSE-1	Advanced Physical Chemistry	7	6	42	2019			
		DSE-2	Analytical Methods in Chemistry	7	6	42	2019			
VI	CHEMISTRY	CC-13	Inorganic Chemistry-V	8	6	48	2020	8.75	8.75	Q
		CC-14	Physical Chemistry-IV	9	6	54	2020			
	CHEMISTRY	DSE-3	Green Chemistry	10	6	60	2020			
		DSE-4	Inorganic Materials of Industrial Importance	8	6	48	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.39							Letter Grade in CGPA : A		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.14										

Date of Publication of Result : 29.10.2020

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

$$CGPA = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or All semesters not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			

Grade Point Norms:

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage of Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



THE UNIVERSITY OF BURDWAN
B.Sc. 3 YEAR DEGREE HONOURS FINAL EXAMINATION 2020 UNDER CBCS
GRADE CARD

Name: ANKAN DAS

Honours: ZOOLOGY

Roll No. 170331000015

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	ZOOLOGY	CC-1	Non-chordates I	5	6	30	2017	6.00	6.18	Q
		CC-2	Ecology	7	6	42	2017			
	BOTANY	GE-1	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	6	6	36	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
II	ZOOLOGY	CC-3	Non-chordates II	8	6	48	2018	7.00	7.50	Q
		CC-4	Cell Biology	6	6	36	2018			
	BOTANY	GE-2	Plant Ecology and Taxonomy	8	6	48	2018			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
III	ZOOLOGY	CC-5	Chordates	6	6	36	2018	6.67	6.38	Q
		CC-6	Animal Physiology: Controlling and Coordinating Systems	7	6	42	2018			
		CC-7	Fundamentals of Biochemistry	7	6	42	2018			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	6	6	36	2018			
	ZOOLOGY	SEC-1	Apiculture	5	2	10	2018			
IV	ZOOLOGY	CC-8	Comparative Anatomy of Vertebrates	6	6	36	2019	6.67	6.69	Q
		CC-9	Animal Physiology: Life Sustaining Systems	7	6	42	2019			
		CC-10	Immunology	7	6	42	2019			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2019			
	ZOOLOGY	SEC-2	Aquarium Fish Keeping	6	2	12	2019			
V	ZOOLOGY	CC-11	Molecular Biology	7	6	42	2019	7.25	7.25	Q
		CC-12	Genetics	8	6	48	2019			
	ZOOLOGY	DSE-1	Animal Biotechnology	7	6	42	2019			
		DSE-2	Parasitology	7	6	42	2019			
VI	ZOOLOGY	CC-13	Developmental Biology	8	6	48	2020	8.00	8.00	Q
		CC-14	Evolutionary Biology	8	6	48	2020			
	ZOOLOGY	DSE-3	Animal Behaviour	7	6	42	2020			
		DSE-4	Endocrinology	9	6	54	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.06							Letter Grade in CGPA : A		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 6.99										

Date of Publication of Result : 29.10.2020

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

$$CGPA = \frac{\sum_{i=1}^N (G_i \times V_i)}{\sum_{i=1}^N V_i}$$

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or All semesters not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage of Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



THE UNIVERSITY OF BURDWAN
B.Sc. 3 YEAR DEGREE HONOURS FINAL EXAMINATION 2020 UNDER CBCS
GRADE CARD

Name: ANKITA KANRI

Honours: MATHEMATICS

Roll No. 170331000016

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	4	6	24	2017	5.00	5.91	Q
		CC-2	Algebra	6	6	36	2017			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	7	6	42	2017			
		ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28			
II	MATHEMATICS	CC-3	Real Analysis	6	6	36	2018	6.00	6.00	Q
		CC-4	Differential Equations and Vector Calculus	6	6	36	2018			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	5	6	30	2018			
		Communicative English/MIL	AECC-2	Bengali	9	2	18			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	6	6	36	2018	6.33	6.46	Q
		CC-6	Group Theory I	4	6	24	2018			
		CC-7	Numerical Methods	9	6	54	2018			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	6	6	36	2018			
	MATHEMATICS	SEC-1	Logic and Sets	9	2	18	2018			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	6	6	36	2019	5.00	5.31	Q
		CC-9	Multivariate Calculus	4	6	24	2019			
		CC-10	Ring Theory and Linear Algebra I	5	6	30	2019			
	PHYSICS	GE-4	Waves and Optics	5	6	30	2019			
	MATHEMATICS	SEC-2	Graph Theory	9	2	18	2019			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	10	6	60	2019	7.00	7.00	Q
		CC-12	Mechanics I	5	6	30	2019			
	MATHEMATICS	DSE-1	Linear Programming	7	6	42	2019			
		DSE-2	Probability & Statistics	6	6	36	2019			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	9	6	54	2020	9.75	9.75	Q
		CC-14	Ring Theory and Linear Algebra II	10	6	60	2020			
	MATHEMATICS	DSE-3	Project Work	10	6	60	2020			
		DSE-4	Mechanics II	10	6	60	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 6.83							Letter Grade in CGPA : B+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 6.75										

Date of Publication of Result : 29.10.2020

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

$$CGPA = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

Anindya Jyoti Pal
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or All semesters not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage of Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



THE UNIVERSITY OF BURDWAN
B.Sc. 3 YEAR DEGREE HONOURS FINAL EXAMINATION 2020 UNDER CBCS
GRADE CARD

Name: ANUPAM MARDI

Honours: MATHEMATICS

Roll No. 170331000017

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	6	6	36	2017	6.00	6.18	Q
		CC-2	Algebra	6	6	36	2017			
	PHYSICS	GE-1	Mechanics	6	6	36	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
II	MATHEMATICS	CC-3	Real Analysis	9	6	54	2018	9.00	8.70	Q
		CC-4	Differential Equations and Vector Calculus	9	6	54	2018			
	PHYSICS	GE-2	Electricity and Magnetism	8	6	48	2018			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	7	6	42	2018	8.33	7.85	Q
		CC-6	Group Theory I	8	6	48	2018			
		CC-7	Numerical Methods	10	6	60	2018			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	6	6	36	2018			
	MATHEMATICS	SEC-1	Logic and Sets	9	2	18	2018			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	8	6	48	2019	7.00	7.46	Q
		CC-9	Multivariate Calculus	6	6	36	2019			
		CC-10	Ring Theory and Linear Algebra I	7	6	42	2019			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	8	6	48	2019			
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2019			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	10	6	60	2019	7.00	7.00	Q
		CC-12	Mechanics I	4	6	24	2019			
	MATHEMATICS	DSE-1	Linear Programming	8	6	48	2019			
		DSE-2	Probability & Statistics	6	6	36	2019			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2020	10.00	10.00	Q
		CC-14	Ring Theory and Linear Algebra II	10	6	60	2020			
	MATHEMATICS	DSE-3	Project Work	10	6	60	2020			
		DSE-4	Mechanics II	10	6	60	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.00							Letter Grade in CGPA : A+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.86										

Date of Publication of Result : 29.10.2020

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

$$CGPA = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

Anindya Jyoti Pal
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or All semesters not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage of Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



THE UNIVERSITY OF BURDWAN
B.Sc. 3 YEAR DEGREE HONOURS FINAL EXAMINATION 2020 UNDER CBCS
GRADE CARD

Name: APSANA KHATUN

Honours: PHYSIOLOGY

Roll No. 170331000018

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	PHYSIOLOGY	CC-1	Cellular Basis of Physiology	9	6	54	2017	8.50	7.55	Q
		CC-2	Biological Physics and Enzymes	8	6	48	2017			
	BOTANY	GE-1	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	6	6	36	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
II	PHYSIOLOGY	CC-3	Physiology of Nerve and Muscle Cells	9	6	54	2018	8.50	7.70	Q
		CC-4	Chemistry of Biomolecules	8	6	48	2018			
	BOTANY	GE-2	Plant Ecology and Taxonomy	7	6	42	2018			
	Communicative English/MIL	AECC-2	Communicative English	5	2	10	2018			
III	PHYSIOLOGY	CC-5	Circulating Body Fluids	8	6	48	2018	8.00	7.77	Q
		CC-6	Circulation	8	6	48	2018			
		CC-7	Functions of The Nervous System	8	6	48	2018			
	ZOOLOGY	GE-3	Physiology and Biochemistry	7	6	42	2018			
	PHYSIOLOGY	SEC-1	Detection of Food Additives/Adulterants	8	2	16	2018			
IV	PHYSIOLOGY	CC-8	Energy Balance, Metabolism and Nutrition	9	6	54	2019	9.00	8.77	Q
		CC-9	Gastrointestinal Function	9	6	54	2019			
		CC-10	Respiration	9	6	54	2019			
	ZOOLOGY	GE-4	Genetics and Evolutionary Biology	8	6	48	2019			
	PHYSIOLOGY	SEC-2	Hematological Techniques	9	2	18	2019			
V	PHYSIOLOGY	CC-11	Special Senses	9	6	54	2019	9.50	9.50	Q
		CC-12	Endocrinology	9	6	54	2019			
	PHYSIOLOGY	DSE-1	Biological Statistics	10	6	60	2019			
		DSE-2	Sports and Exercise Physiology	10	6	60	2019			
VI	PHYSIOLOGY	CC-13	Reproduction	9	6	54	2020	9.25	9.25	Q
		CC-14	Formation and Excretion of Urine	9	6	54	2020			
	PHYSIOLOGY	DSE-3	Human Nutrition and Dietetics	9	6	54	2020			
		DSE-4	Toxicology	10	6	60	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.89							Letter Grade in CGPA : A+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.45										

Date of Publication of Result : 29.10.2020

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^N (G_i \times V_i)}{\sum_{i=1}^N V_i}$$

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or All semesters not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage of Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



THE UNIVERSITY OF BURDWAN
B.Sc. 3 YEAR DEGREE HONOURS FINAL EXAMINATION 2020 UNDER CBCS
GRADE CARD

Name: **ARIJIT GHOSHAL**Honours: **CHEMISTRY**Roll No. **170331000019**

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	CHEMISTRY	CC-1	Organic Chemistry-I	10	6	60	2017	10.00	8.36	Q
		CC-2	Physical Chemistry-I	10	6	60	2017			
	PHYSICS	GE-1	Mechanics	6	6	36	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
II	CHEMISTRY	CC-3	Inorganic Chemistry-I	9	6	54	2018	9.00	8.50	Q
		CC-4	Organic Chemistry-II	9	6	54	2018			
	PHYSICS	GE-2	Electricity and Magnetism	8	6	48	2018			
	Communicative English/MIL	AECC-2	Communicative English	7	2	14	2018			
III	CHEMISTRY	CC-5	Physical Chemistry-II	9	6	54	2018	9.00	8.69	Q
		CC-6	Inorganic Chemistry-II	9	6	54	2018			
		CC-7	Organic Chemistry-III	9	6	54	2018			
	MATHEMATICS	GE-3	Real Analysis	8	6	48	2018			
	CHEMISTRY	SEC-1	Basic Analytical Chemistry	8	2	16	2018			
IV	CHEMISTRY	CC-8	Physical Chemistry-III	7	6	42	2019	8.00	8.38	Q
		CC-9	Inorganic Chemistry-III	9	6	54	2019			
		CC-10	Organic Chemistry - IV	8	6	48	2019			
	MATHEMATICS	GE-4	Algebra	9	6	54	2019			
	CHEMISTRY	SEC-2	Pharmaceutical Chemistry	10	2	20	2019			
V	CHEMISTRY	CC-11	Inorganic Chemistry-IV	9	6	54	2019	9.00	9.00	Q
		CC-12	Organic Chemistry-V	8	6	48	2019			
	CHEMISTRY	DSE-1	Advanced Physical Chemistry	9	6	54	2019			
		DSE-2	Analytical Methods in Chemistry	10	6	60	2019			
VI	CHEMISTRY	CC-13	Inorganic Chemistry-V	10	6	60	2020	10.00	10.00	Q
		CC-14	Physical Chemistry-IV	10	6	60	2020			
	CHEMISTRY	DSE-3	Green Chemistry	10	6	60	2020			
		DSE-4	Inorganic Materials of Industrial Importance	10	6	60	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 9.17							Letter Grade in CGPA : O		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.83										

Date of Publication of Result : 29.10.2020

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

$$CGPA = \frac{\sum_{i=1}^N (G_i \times V_i)}{\sum_{i=1}^N V_i}$$

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or All semesters not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			

Grade Point Norms:

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage of Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



THE UNIVERSITY OF BURDWAN
B.Sc. 3 YEAR DEGREE HONOURS FINAL EXAMINATION 2020 UNDER CBCS
GRADE CARD

Name: **ARIJIT PAL**Honours: **MATHEMATICS**Roll No. **170331000020**

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	6	6	36	2017	5.50	5.64	Q
		CC-2	Algebra	5	6	30	2017			
	PHYSICS	GE-1	Mechanics	5	6	30	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
II	MATHEMATICS	CC-3	Real Analysis	6	6	36	2018	6.50	6.60	Q
		CC-4	Differential Equations and Vector Calculus	7	6	42	2018			
	PHYSICS	GE-2	Electricity and Magnetism	6	6	36	2018			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	5	6	30	2018	6.00	5.92	Q
		CC-6	Group Theory I	5	6	30	2018			
		CC-7	Numerical Methods	8	6	48	2018			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	5	6	30	2018			
	MATHEMATICS	SEC-1	Logic and Sets	8	2	16	2018			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	7	6	42	2019	6.00	6.54	Q
		CC-9	Multivariate Calculus	4	6	24	2019			
		CC-10	Ring Theory and Linear Algebra I	7	6	42	2019			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2019			
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2019			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	6	6	36	2019	SNC		
		CC-12	Mechanics I	4	6	24	2019			
	MATHEMATICS	DSE-1	Linear Programming	NA	6	NA				
		DSE-2	Probability & Statistics	NA	6	NA				
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2020	10.00	10.00	Q
		CC-14	Ring Theory and Linear Algebra II	10	6	60	2020			
	MATHEMATICS	DSE-3	Project Work	10	6	60	2020			
		DSE-4	Mechanics II	10	6	60	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs :							Letter Grade in CGPA :		Result : PNC	
CGPA (Cumulative Grade Point Average) on the basis of All Courses :										

Date of Publication of Result : 29.10.2020

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

$$CGPA = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

Anindya Jyoti Pal
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or All semesters not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage of Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



THE UNIVERSITY OF BURDWAN
B.Sc. 3 YEAR DEGREE HONOURS FINAL EXAMINATION 2020 UNDER CBCS
GRADE CARD

Name: ARPAN DUTTA

Honours: MICROBIOLOGY

Roll No. 17033100022

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MICROBIOLOGY	CC-1	Introduction to Microbiology and Microbial Diversity	8	6	48	2017	7.00	6.55	Q
		CC-2	Bacteriology	6	6	36	2017			
	BOTANY	GE-1	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	6	6	36	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017			
II	MICROBIOLOGY	CC-3	Biochemistry	9	6	54	2018	8.00	7.60	Q
		CC-4	Virology	7	6	42	2018			
	BOTANY	GE-2	Plant Ecology and Taxonomy	7	6	42	2018			
	Communicative English/MIL	AECC-2	Communicative English	7	2	14	2018			
III	MICROBIOLOGY	CC-5	Microbial Physiology & Metabolism	8	6	48	2018	7.33	7.23	Q
		CC-6	Cell Biology	7	6	42	2018			
		CC-7	Molecular Biology	7	6	42	2018			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	7	6	42	2018			
	MICROBIOLOGY	SEC-1	Microbial Diagnosis in Health Clinics	7	2	14	2018			
IV	MICROBIOLOGY	CC-8	Microbial Genetics	6	6	36	2019	7.00	7.08	Q
		CC-9	Environmental Microbiology	7	6	42	2019			
		CC-10	Food and Dairy Microbiology	8	6	48	2019			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2019			
	MICROBIOLOGY	SEC-2	Food Fermentation Techniques	8	2	16	2019			
V	MICROBIOLOGY	CC-11	Industrial Microbiology	7	6	42	2019	7.75	7.75	Q
		CC-12	Immunology	8	6	48	2019			
	MICROBIOLOGY	DSE-1	Microbes in Sustainable Agriculture and Development	8	6	48	2019			
		DSE-2	Instrumentation and Biotechniques	8	6	48	2019			
VI	MICROBIOLOGY	CC-13	Medical Microbiology	9	6	54	2020	9.00	9.00	Q
		CC-14	Recombinant DNA Technology	8	6	48	2020			
	MICROBIOLOGY	DSE-3	Advances in Microbiology	10	6	60	2020			
		DSE-4	Bio-Safety and Intellectual Property Rights	9	6	54	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.78							Letter Grade in CGPA : A		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.54										

Date of Publication of Result : 29.10.2020

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

$$CGPA = \frac{\sum_{i=1}^N (G_i \times V_i)}{\sum_{i=1}^N V_i}$$

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or All semesters not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage of Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



THE UNIVERSITY OF BURDWAN
B.Sc. 3 YEAR DEGREE HONOURS FINAL EXAMINATION 2020 UNDER CBCS
GRADE CARD

Name: ARPITA CHATTOPADHYAY

Honours: ZOOLOGY

Roll No. 170331000023

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	ZOOLOGY	CC-1	Non-chordates I	5	6	30	2017	6.00	6.64	Q
		CC-2	Ecology	7	6	42	2017			
	PHYSIOLOGY	GE-1	Cellular Physiology, Biophysics, Biochemistry of Biomolecules	7	6	42	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2017			
II	ZOOLOGY	CC-3	Non-chordates II	7	6	42	2018	6.50	6.70	Q
		CC-4	Cell Biology	6	6	36	2018			
	PHYSIOLOGY	GE-2	Digestion and Metabolism	7	6	42	2018			
	Communicative English/MIL	AECC-2	Communicative English	7	2	14	2018			
III	ZOOLOGY	CC-5	Chordates	6	6	36	2018	6.33	6.23	Q
		CC-6	Animal Physiology: Controlling and Coordinating Systems	7	6	42	2018			
		CC-7	Fundamentals of Biochemistry	6	6	36	2018			
	BOTANY	GE-3	Plant Anatomy and Embryology	6	6	36	2018			
	ZOOLOGY	SEC-1	Apiculture	6	2	12	2018			
IV	ZOOLOGY	CC-8	Comparative Anatomy of Vertebrates	6	6	36	2019	6.67	6.69	Q
		CC-9	Animal Physiology: Life Sustaining Systems	7	6	42	2019			
		CC-10	Immunology	7	6	42	2019			
	BOTANY	GE-4	Plant Physiology and Metabolism	7	6	42	2019			
	ZOOLOGY	SEC-2	Aquarium Fish Keeping	6	2	12	2019			
V	ZOOLOGY	CC-11	Molecular Biology	6	6	36	2019	6.50	6.50	Q
		CC-12	Genetics	7	6	42	2019			
	ZOOLOGY	DSE-1	Animal Biotechnology	6	6	36	2019			
		DSE-2	Parasitology	7	6	42	2019			
VI	ZOOLOGY	CC-13	Developmental Biology	8	6	48	2020	8.50	8.50	Q
		CC-14	Evolutionary Biology	9	6	54	2020			
	ZOOLOGY	DSE-3	Animal Behaviour	8	6	48	2020			
		DSE-4	Endocrinology	9	6	54	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 6.89							Letter Grade in CGPA : B+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 6.87										

Date of Publication of Result : 29.10.2020

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

$$CGPA = \frac{\sum_{i=1}^N (G_i \times V_i)}{\sum_{i=1}^N V_i}$$

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs. <5 or All semesters not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage of Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



THE UNIVERSITY OF BURDWAN
B.Sc. 3 YEAR DEGREE HONOURS FINAL EXAMINATION 2020 UNDER CBCS
GRADE CARD

Name: AUROVINDA GHOSH

Honours: ZOOLOGY

Roll No. 170331000024

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	ZOOLOGY	CC-1	Non-chordates I	7	6	42	2017	7.50	7.73	Q
		CC-2	Ecology	8	6	48	2017			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	8	6	48	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2017			
II	ZOOLOGY	CC-3	Non-chordates II	8	6	48	2018	8.00	7.80	Q
		CC-4	Cell Biology	8	6	48	2018			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	7	6	42	2018			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
III	ZOOLOGY	CC-5	Chordates	8	6	48	2018	8.33	8.15	Q
		CC-6	Animal Physiology: Controlling and Coordinating Systems	9	6	54	2018			
		CC-7	Fundamentals of Biochemistry	8	6	48	2018			
	BOTANY	GE-3	Plant Anatomy and Embryology	8	6	48	2018			
	ZOOLOGY	SEC-1	Apiculture	7	2	14	2018			
IV	ZOOLOGY	CC-8	Comparative Anatomy of Vertebrates	7	6	42	2019	7.33	7.38	Q
		CC-9	Animal Physiology: Life Sustaining Systems	7	6	42	2019			
		CC-10	Immunology	8	6	48	2019			
	BOTANY	GE-4	Plant Physiology and Metabolism	8	6	48	2019			
	ZOOLOGY	SEC-2	Aquarium Fish Keeping	6	2	12	2019			
V	ZOOLOGY	CC-11	Molecular Biology	8	6	48	2019	8.25	8.25	Q
		CC-12	Genetics	8	6	48	2019			
	ZOOLOGY	DSE-1	Animal Biotechnology	9	6	54	2019			
		DSE-2	Parasitology	8	6	48	2019			
VI	ZOOLOGY	CC-13	Developmental Biology	9	6	54	2020	9.00	9.00	Q
		CC-14	Evolutionary Biology	9	6	54	2020			
	ZOOLOGY	DSE-3	Animal Behaviour	9	6	54	2020			
		DSE-4	Endocrinology	9	6	54	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.17							Letter Grade in CGPA : A+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.06										

Date of Publication of Result : 29.10.2020

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

$$CGPA = \frac{\sum_{i=1}^N (G_i \times V_i)}{\sum_{i=1}^N V_i}$$

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs. <5 or All semesters not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage of Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



THE UNIVERSITY OF BURDWAN
B.Sc. 3 YEAR DEGREE HONOURS FINAL EXAMINATION 2020 UNDER CBCS
GRADE CARD

Name: AVIJIT DAS

Honours: MATHEMATICS

Roll No. 170331000026

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	8	6	48	2017	7.50	7.55	Q
		CC-2	Algebra	7	6	42	2017			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	8	6	48	2017			
		ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28			
II	MATHEMATICS	CC-3	Real Analysis	9	6	54	2018	8.00	7.50	Q
		CC-4	Differential Equations and Vector Calculus	7	6	42	2018			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	6	6	36	2018			
		Communicative English/MIL	AECC-2	Bengali	9	2	18			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	8	6	48	2018	7.67	6.85	Q
		CC-6	Group Theory I	6	6	36	2018			
		CC-7	Numerical Methods	9	6	54	2018			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	5	6	30	2018			
	MATHEMATICS	SEC-1	Logic and Sets	5	2	10	2018			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	7	6	42	2019	7.00	7.00	Q
		CC-9	Multivariate Calculus	7	6	42	2019			
		CC-10	Ring Theory and Linear Algebra I	7	6	42	2019			
	PHYSICS	GE-4	Waves and Optics	6	6	36	2019			
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2019			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	8	6	48	2019	6.00	6.00	Q
		CC-12	Mechanics I	5	6	30	2019			
	MATHEMATICS	DSE-1	Linear Programming	5	6	30	2019			
		DSE-2	Probability & Statistics	6	6	36	2019			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	8	6	48	2020	9.50	9.50	Q
		CC-14	Ring Theory and Linear Algebra II	10	6	60	2020			
	MATHEMATICS	DSE-3	Project Work	10	6	60	2020			
		DSE-4	Mechanics II	10	6	60	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.61							Letter Grade in CGPA : A		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.38										

Date of Publication of Result : 29.10.2020

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

$$CGPA = \frac{\sum_{i=1}^N (G_i \times V_i)}{\sum_{i=1}^N V_i}$$

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or All semesters not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage of Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



THE UNIVERSITY OF BURDWAN
B.Sc. 3 YEAR DEGREE HONOURS FINAL EXAMINATION 2020 UNDER CBCS
GRADE CARD

Name: AYANABHA ROY

Honours: CHEMISTRY

Roll No. 17033100027

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	CHEMISTRY	CC-1	Organic Chemistry-I	9	6	54	2017	9.50	9.36	Q
		CC-2	Physical Chemistry-I	10	6	60	2017			
	MATHEMATICS	GE-1	Differential Calculus	10	6	60	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2017			
II	CHEMISTRY	CC-3	Inorganic Chemistry-I	9	6	54	2018	8.50	8.50	Q
		CC-4	Organic Chemistry-II	8	6	48	2018			
	MATHEMATICS	GE-2	Differential Equations	9	6	54	2018			
	Communicative English/MIL	AECC-2	Communicative English	7	2	14	2018			
III	CHEMISTRY	CC-5	Physical Chemistry-II	8	6	48	2018	8.67	8.77	Q
		CC-6	Inorganic Chemistry-II	9	6	54	2018			
		CC-7	Organic Chemistry-III	9	6	54	2018			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	9	6	54	2018			
	CHEMISTRY	SEC-1	Basic Analytical Chemistry	9	2	18	2018			
IV	CHEMISTRY	CC-8	Physical Chemistry-III	6	6	36	2019	7.33	7.38	Q
		CC-9	Inorganic Chemistry-III	8	6	48	2019			
		CC-10	Organic Chemistry - IV	8	6	48	2019			
	PHYSICS	GE-4	Waves and Optics	7	6	42	2019			
CHEMISTRY	SEC-2	Pharmaceutical Chemistry	9	2	18	2019				
V	CHEMISTRY	CC-11	Inorganic Chemistry-IV	8	6	48	2019	9.00	9.00	Q
		CC-12	Organic Chemistry-V	9	6	54	2019			
	CHEMISTRY	DSE-1	Advanced Physical Chemistry	9	6	54	2019			
		DSE-2	Analytical Methods in Chemistry	10	6	60	2019			
VI	CHEMISTRY	CC-13	Inorganic Chemistry-V	10	6	60	2020	9.75	9.75	Q
		CC-14	Physical Chemistry-IV	10	6	60	2020			
	CHEMISTRY	DSE-3	Green Chemistry	10	6	60	2020			
		DSE-4	Inorganic Materials of Industrial Importance	9	6	54	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.83							Letter Grade in CGPA : A+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.77										

Date of Publication of Result : 29.10.2020

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

$$CGPA = \frac{\sum_{i=1}^N (G_i \times V_i)}{\sum_{i=1}^N V_i}$$

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or All semesters not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage of Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



THE UNIVERSITY OF BURDWAN
B.Sc. 3 YEAR DEGREE HONOURS FINAL EXAMINATION 2020 UNDER CBCS
GRADE CARD

Name: **BABAI CHANDRA DOME**Honours: **MATHEMATICS**Roll No. **170331000028**

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	5	6	30	2017	4.50	5.18	Q
		CC-2	Algebra	4	6	24	2017			
	PHYSICS	GE-1	Mechanics	6	6	36	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017			
II	MATHEMATICS	CC-3	Real Analysis	8	6	48	2018	7.00	7.00	Q
		CC-4	Differential Equations and Vector Calculus	6	6	36	2018			
	PHYSICS	GE-2	Electricity and Magnetism	6	6	36	2018			
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2018			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	8	6	48	2018	7.33	7.38	Q
		CC-6	Group Theory I	5	6	30	2018			
		CC-7	Numerical Methods	9	6	54	2018			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	7	6	42	2018			
	MATHEMATICS	SEC-1	Logic and Sets	9	2	18	2018			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	8	6	48	2019	6.67	7.23	Q
		CC-9	Multivariate Calculus	6	6	36	2019			
		CC-10	Ring Theory and Linear Algebra I	6	6	36	2019			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	8	6	48	2019			
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2019			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	10	6	60	2019	7.25	7.25	Q
		CC-12	Mechanics I	6	6	36	2019			
	MATHEMATICS	DSE-1	Linear Programming	7	6	42	2019			
		DSE-2	Probability & Statistics	6	6	36	2019			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2020	10.00	10.00	Q
		CC-14	Ring Theory and Linear Algebra II	10	6	60	2020			
	MATHEMATICS	DSE-3	Project Work	10	6	60	2020			
		DSE-4	Mechanics II	10	6	60	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.44							Letter Grade in CGPA : A		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.38										

Date of Publication of Result : 29.10.2020

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

$$CGPA = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or All semesters not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage of Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



THE UNIVERSITY OF BURDWAN
B.Sc. 3 YEAR DEGREE HONOURS FINAL EXAMINATION 2020 UNDER CBCS
GRADE CARD

Name: BELA GHOSH

Honours: CHEMISTRY

Roll No. 17033100029

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	CHEMISTRY	CC-1	Organic Chemistry-I	9	6	54	2017	8.50	8.55	Q
		CC-2	Physical Chemistry-I	8	6	48	2017			
	MATHEMATICS	GE-1	Differential Calculus	9	6	54	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2017			
II	CHEMISTRY	CC-3	Inorganic Chemistry-I	9	6	54	2018	9.00	9.00	Q
		CC-4	Organic Chemistry-II	9	6	54	2018			
	MATHEMATICS	GE-2	Differential Equations	9	6	54	2018			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
III	CHEMISTRY	CC-5	Physical Chemistry-II	7	6	42	2018	7.67	7.69	Q
		CC-6	Inorganic Chemistry-II	8	6	48	2018			
		CC-7	Organic Chemistry-III	8	6	48	2018			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	8	6	48	2018			
	CHEMISTRY	SEC-1	Basic Analytical Chemistry	7	2	14	2018			
IV	CHEMISTRY	CC-8	Physical Chemistry-III	6	6	36	2019	7.00	7.08	Q
		CC-9	Inorganic Chemistry-III	6	6	36	2019			
		CC-10	Organic Chemistry - IV	9	6	54	2019			
	PHYSICS	GE-4	Waves and Optics	7	6	42	2019			
	CHEMISTRY	SEC-2	Pharmaceutical Chemistry	8	2	16	2019			
V	CHEMISTRY	CC-11	Inorganic Chemistry-IV	7	6	42	2019	7.25	7.25	Q
		CC-12	Organic Chemistry-V	7	6	42	2019			
	CHEMISTRY	DSE-1	Advanced Physical Chemistry	7	6	42	2019			
		DSE-2	Analytical Methods in Chemistry	8	6	48	2019			
VI	CHEMISTRY	CC-13	Inorganic Chemistry-V	9	6	54	2020	9.25	9.25	Q
		CC-14	Physical Chemistry-IV	9	6	54	2020			
	CHEMISTRY	DSE-3	Green Chemistry	10	6	60	2020			
		DSE-4	Inorganic Materials of Industrial Importance	9	6	54	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.06							Letter Grade in CGPA : A+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.08										

Date of Publication of Result : 29.10.2020

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

$$CGPA = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or All semesters not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			

Grade Point Norms:

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage of Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



THE UNIVERSITY OF BURDWAN
B.Sc. 3 YEAR DEGREE HONOURS FINAL EXAMINATION 2020 UNDER CBCS
GRADE CARD

Name: **BIPLAB SAHA**Honours: **ZOOLOGY**Roll No. **170331000030**

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	ZOOLOGY	CC-1	Non-chordates I	6	6	36	2017	7.00	6.45	Q
		CC-2	Ecology	8	6	48	2017			
	BOTANY	GE-1	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	5	6	30	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
II	ZOOLOGY	CC-3	Non-chordates II	7	6	42	2018	6.50	7.00	Q
		CC-4	Cell Biology	6	6	36	2018			
	BOTANY	GE-2	Plant Ecology and Taxonomy	7	6	42	2018			
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2018			
III	ZOOLOGY	CC-5	Chordates	5	6	30	2018	6.00	6.00	Q
		CC-6	Animal Physiology: Controlling and Coordinating Systems	7	6	42	2018			
		CC-7	Fundamentals of Biochemistry	6	6	36	2018			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	6	6	36	2018			
	ZOOLOGY	SEC-1	Apiculture	6	2	12	2018			
IV	ZOOLOGY	CC-8	Comparative Anatomy of Vertebrates	6	6	36	2019	6.33	6.46	Q
		CC-9	Animal Physiology: Life Sustaining Systems	6	6	36	2019			
		CC-10	Immunology	7	6	42	2019			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2019			
	ZOOLOGY	SEC-2	Aquarium Fish Keeping	6	2	12	2019			
V	ZOOLOGY	CC-11	Molecular Biology	7	6	42	2019	7.00	7.00	Q
		CC-12	Genetics	7	6	42	2019			
	ZOOLOGY	DSE-1	Animal Biotechnology	6	6	36	2019			
		DSE-2	Parasitology	8	6	48	2019			
VI	ZOOLOGY	CC-13	Developmental Biology	8	6	48	2020	7.75	7.75	Q
		CC-14	Evolutionary Biology	8	6	48	2020			
	ZOOLOGY	DSE-3	Animal Behaviour	7	6	42	2020			
		DSE-4	Endocrinology	8	6	48	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 6.83							Letter Grade in CGPA : B+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 6.76										

Date of Publication of Result : 29.10.2020

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

$$CGPA = \frac{\sum_{i=1}^N (G_i \times V_i)}{\sum_{i=1}^N V_i}$$

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or All semesters not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage of Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



THE UNIVERSITY OF BURDWAN
B.Sc. 3 YEAR DEGREE HONOURS FINAL EXAMINATION 2020 UNDER CBCS
GRADE CARD

Name: BISHWARUP MUKHERJEE

Honours: CHEMISTRY

Roll No. 170331000032

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	CHEMISTRY	CC-1	Organic Chemistry-I	7	6	42	2017	7.50	7.00	Q
		CC-2	Physical Chemistry-I	8	6	48	2017			
	PHYSICS	GE-1	Mechanics	6	6	36	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
II	CHEMISTRY	CC-3	Inorganic Chemistry-I	8	6	48	2018	7.50	7.00	Q
		CC-4	Organic Chemistry-II	7	6	42	2018			
	PHYSICS	GE-2	Electricity and Magnetism	6	6	36	2018			
	Communicative English/MIL	AECC-2	Communicative English	7	2	14	2018			
III	CHEMISTRY	CC-5	Physical Chemistry-II	6	6	36	2018	6.67	6.54	Q
		CC-6	Inorganic Chemistry-II	7	6	42	2018			
		CC-7	Organic Chemistry-III	7	6	42	2018			
	MATHEMATICS	GE-3	Real Analysis	6	6	36	2018			
	CHEMISTRY	SEC-1	Basic Analytical Chemistry	7	2	14	2018			
IV	CHEMISTRY	CC-8	Physical Chemistry-III	5	6	30	2019	7.00	6.85	Q
		CC-9	Inorganic Chemistry-III	7	6	42	2019			
		CC-10	Organic Chemistry - IV	9	6	54	2019			
	MATHEMATICS	GE-4	Algebra	6	6	36	2019			
	CHEMISTRY	SEC-2	Pharmaceutical Chemistry	8	2	16	2019			
V	CHEMISTRY	CC-11	Inorganic Chemistry-IV	7	6	42	2019	7.00	7.00	Q
		CC-12	Organic Chemistry-V	7	6	42	2019			
	CHEMISTRY	DSE-1	Advanced Physical Chemistry	6	6	36	2019			
		DSE-2	Analytical Methods in Chemistry	8	6	48	2019			
VI	CHEMISTRY	CC-13	Inorganic Chemistry-V	8	6	48	2020	8.75	8.75	Q
		CC-14	Physical Chemistry-IV	9	6	54	2020			
	CHEMISTRY	DSE-3	Green Chemistry	10	6	60	2020			
		DSE-4	Inorganic Materials of Industrial Importance	8	6	48	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.44							Letter Grade in CGPA : A		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.18										

Date of Publication of Result : 29.10.2020

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

$$CGPA = \frac{\sum_{i=1}^N (G_i \times V_i)}{\sum_{i=1}^N V_i}$$

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or All semesters not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			

Grade Point Norms:

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage of Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



THE UNIVERSITY OF BURDWAN
B.Sc. 3 YEAR DEGREE HONOURS FINAL EXAMINATION 2020 UNDER CBCS
GRADE CARD

Name: **BROJOGOPAL MONDAL**Honours: **MATHEMATICS**Roll No. **170331000034**

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	5	6	30	2017	5.50	5.91	Q
		CC-2	Algebra	6	6	36	2017			
	PHYSICS	GE-1	Mechanics	6	6	36	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
II	MATHEMATICS	CC-3	Real Analysis	6	6	36	2018	5.00	5.60	Q
		CC-4	Differential Equations and Vector Calculus	4	6	24	2018			
	PHYSICS	GE-2	Electricity and Magnetism	6	6	36	2018			
	Communicative English/MIL	AECC-2	Communicative English	8	2	16	2018			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	5	6	30	2018	5.00	5.77	Q
		CC-6	Group Theory I	4	6	24	2018			
		CC-7	Numerical Methods	6	6	36	2018			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	7	6	42	2018			
	MATHEMATICS	SEC-1	Logic and Sets	9	2	18	2018			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	7	6	42	2019	5.67	6.54	Q
		CC-9	Multivariate Calculus	5	6	30	2019			
		CC-10	Ring Theory and Linear Algebra I	5	6	30	2019			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	8	6	48	2019			
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2019			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	10	6	60	2019	6.00	6.00	Q
		CC-12	Mechanics I	4	6	24	2019			
	MATHEMATICS	DSE-1	Linear Programming	6	6	36	2019			
		DSE-2	Probability & Statistics	4	6	24	2019			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2020	9.75	9.75	Q
		CC-14	Ring Theory and Linear Algebra II	10	6	60	2020			
	MATHEMATICS	DSE-3	Project Work	10	6	60	2020			
		DSE-4	Mechanics II	9	6	54	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 6.44							Letter Grade in CGPA : B+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 6.62										

Date of Publication of Result : 29.10.2020

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

$$CGPA = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

Anindya Jyoti Pal
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or All semesters not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage of Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



THE UNIVERSITY OF BURDWAN
B.Sc. 3 YEAR DEGREE HONOURS FINAL EXAMINATION 2020 UNDER CBCS
GRADE CARD

Name: BUBAI SARKAR

Honours: MATHEMATICS

Roll No. 170331000035

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	7	6	42	2017	6.50	6.45	Q
		CC-2	Algebra	6	6	36	2017			
	PHYSICS	GE-1	Mechanics	6	6	36	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
II	MATHEMATICS	CC-3	Real Analysis	8	6	48	2018	7.00	7.20	Q
		CC-4	Differential Equations and Vector Calculus	6	6	36	2018			
	PHYSICS	GE-2	Electricity and Magnetism	7	6	42	2018			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	8	6	48	2018	8.67	8.62	Q
		CC-6	Group Theory I	9	6	54	2018			
		CC-7	Numerical Methods	9	6	54	2018			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	8	6	48	2018			
	MATHEMATICS	SEC-1	Logic and Sets	10	2	20	2018			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	10	6	60	2019	8.33	8.62	Q
		CC-9	Multivariate Calculus	7	6	42	2019			
		CC-10	Ring Theory and Linear Algebra I	8	6	48	2019			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	9	6	54	2019			
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2019			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	10	6	60	2019	8.75	8.75	Q
		CC-12	Mechanics I	8	6	48	2019			
	MATHEMATICS	DSE-1	Linear Programming	9	6	54	2019			
		DSE-2	Probability & Statistics	8	6	48	2019			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2020	10.00	10.00	Q
		CC-14	Ring Theory and Linear Algebra II	10	6	60	2020			
	MATHEMATICS	DSE-3	Project Work	10	6	60	2020			
		DSE-4	Mechanics II	10	6	60	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.50							Letter Grade in CGPA : A+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.34										

Date of Publication of Result : 29.10.2020

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

$$CGPA = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

Anindya Jyoti Pal
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or All semesters not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			

Grade Point Norms:

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage of Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



THE UNIVERSITY OF BURDWAN
B.Sc. 3 YEAR DEGREE HONOURS FINAL EXAMINATION 2020 UNDER CBCS
GRADE CARD

Name: CHUMKI DEY

Honours: MATHEMATICS

Roll No. 170331000036

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	8	6	48	2017	8.00	7.36	Q
		CC-2	Algebra	8	6	48	2017			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	7	6	42	2017			
		ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24			
II	MATHEMATICS	CC-3	Real Analysis	9	6	54	2018	8.50	8.20	Q
		CC-4	Differential Equations and Vector Calculus	8	6	48	2018			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	7	6	42	2018			
		Communicative English/MIL	AECC-2	Bengali	10	2	20			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	7	6	42	2018	7.67	7.54	Q
		CC-6	Group Theory I	6	6	36	2018			
		CC-7	Numerical Methods	10	6	60	2018			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	7	6	42	2018			
	MATHEMATICS	SEC-1	Logic and Sets	8	2	16	2018			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	10	6	60	2019	8.33	8.15	Q
		CC-9	Multivariate Calculus	7	6	42	2019			
		CC-10	Ring Theory and Linear Algebra I	8	6	48	2019			
	PHYSICS	GE-4	Waves and Optics	7	6	42	2019			
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2019			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	8	6	48	2019	8.25	8.25	Q
		CC-12	Mechanics I	7	6	42	2019			
	MATHEMATICS	DSE-1	Linear Programming	9	6	54	2019			
		DSE-2	Probability & Statistics	9	6	54	2019			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2020	10.00	10.00	Q
		CC-14	Ring Theory and Linear Algebra II	10	6	60	2020			
	MATHEMATICS	DSE-3	Project Work	10	6	60	2020			
		DSE-4	Mechanics II	10	6	60	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.56							Letter Grade in CGPA : A+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.25										

Date of Publication of Result : 29.10.2020

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

$$CGPA = \frac{\sum_{i=1}^N (G_i \times V_i)}{\sum_{i=1}^N V_i}$$

Anindya Jyoti Pal
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or All semesters not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage of Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



THE UNIVERSITY OF BURDWAN
B.Sc. 3 YEAR DEGREE HONOURS FINAL EXAMINATION 2020 UNDER CBCS
GRADE CARD

Name: DEBABRATA MONDAL

Honours: CHEMISTRY

Roll No. 170331000037

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	CHEMISTRY	CC-1	Organic Chemistry-I	9	6	54	2017	9.00	8.09	Q
		CC-2	Physical Chemistry-I	9	6	54	2017			
	MATHEMATICS	GE-1	Differential Calculus	7	6	42	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
II	CHEMISTRY	CC-3	Inorganic Chemistry-I	10	6	60	2018	9.50	9.00	Q
		CC-4	Organic Chemistry-II	9	6	54	2018			
	MATHEMATICS	GE-2	Differential Equations	8	6	48	2018			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
III	CHEMISTRY	CC-5	Physical Chemistry-II	9	6	54	2018	8.67	8.23	Q
		CC-6	Inorganic Chemistry-II	8	6	48	2018			
		CC-7	Organic Chemistry-III	9	6	54	2018			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	7	6	42	2018			
	CHEMISTRY	SEC-1	Basic Analytical Chemistry	8	2	16	2018			
IV	CHEMISTRY	CC-8	Physical Chemistry-III	7	6	42	2019	8.33	7.77	Q
		CC-9	Inorganic Chemistry-III	9	6	54	2019			
		CC-10	Organic Chemistry - IV	9	6	54	2019			
	PHYSICS	GE-4	Waves and Optics	6	6	36	2019			
	CHEMISTRY	SEC-2	Pharmaceutical Chemistry	8	2	16	2019			
V	CHEMISTRY	CC-11	Inorganic Chemistry-IV	8	6	48	2019	8.50	8.50	Q
		CC-12	Organic Chemistry-V	8	6	48	2019			
	CHEMISTRY	DSE-1	Advanced Physical Chemistry	9	6	54	2019			
		DSE-2	Analytical Methods in Chemistry	9	6	54	2019			
VI	CHEMISTRY	CC-13	Inorganic Chemistry-V	9	6	54	2020	9.50	9.50	Q
		CC-14	Physical Chemistry-IV	10	6	60	2020			
	CHEMISTRY	DSE-3	Green Chemistry	10	6	60	2020			
		DSE-4	Inorganic Materials of Industrial Importance	9	6	54	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.89							Letter Grade in CGPA : A+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.49										

Date of Publication of Result : 29.10.2020

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

$$CGPA = \frac{\sum_{i=1}^N (G_i \times V_i)}{\sum_{i=1}^N V_i}$$

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or All semesters not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage of Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



THE UNIVERSITY OF BURDWAN
B.Sc. 3 YEAR DEGREE HONOURS FINAL EXAMINATION 2020 UNDER CBCS
GRADE CARD

Name: DEBALINA MANDAL

Honours: MATHEMATICS

Roll No. 170331000038

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	5	6	30	2017	5.00	5.36	Q
		CC-2	Algebra	5	6	30	2017			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	5	6	30	2017			
		AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
II	MATHEMATICS	CC-3	Real Analysis	7	6	42	2018	7.00	6.90	Q
		CC-4	Differential Equations and Vector Calculus	7	6	42	2018			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	6	6	36	2018			
		AECC-2	Bengali	9	2	18	2018			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	6	6	36	2018	6.33	6.46	Q
		CC-6	Group Theory I	5	6	30	2018			
		CC-7	Numerical Methods	8	6	48	2018			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	6	6	36	2018			
	MATHEMATICS	SEC-1	Logic and Sets	9	2	18	2018			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	9	6	54	2019	7.00	6.69	Q
		CC-9	Multivariate Calculus	6	6	36	2019			
		CC-10	Ring Theory and Linear Algebra I	6	6	36	2019			
	PHYSICS	GE-4	Waves and Optics	5	6	30	2019			
	MATHEMATICS	SEC-2	Graph Theory	9	2	18	2019			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	10	6	60	2019	7.75	7.75	Q
		CC-12	Mechanics I	6	6	36	2019			
	MATHEMATICS	DSE-1	Linear Programming	8	6	48	2019			
		DSE-2	Probability & Statistics	7	6	42	2019			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2020	10.00	10.00	Q
		CC-14	Ring Theory and Linear Algebra II	10	6	60	2020			
	MATHEMATICS	DSE-3	Project Work	10	6	60	2020			
		DSE-4	Mechanics II	10	6	60	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.50							Letter Grade in CGPA : A		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.21										

Date of Publication of Result : 29.10.2020

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

$$CGPA = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

Anindya Jyoti Pal
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or All semesters not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage of Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



THE UNIVERSITY OF BURDWAN
B.Sc. 3 YEAR DEGREE HONOURS FINAL EXAMINATION 2020 UNDER CBCS
GRADE CARD

Name: DEBANWITA GHATAK

Honours: MATHEMATICS

Roll No. 170331000039

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	4	6	24	2017	5.00	5.91	Q
		CC-2	Algebra	6	6	36	2017			
	PHYSICS	GE-1	Mechanics	7	6	42	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
II	MATHEMATICS	CC-3	Real Analysis	9	6	54	2018	7.50	7.50	Q
		CC-4	Differential Equations and Vector Calculus	6	6	36	2018			
	PHYSICS	GE-2	Electricity and Magnetism	7	6	42	2018			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	8	6	48	2018	8.00	8.08	Q
		CC-6	Group Theory I	7	6	42	2018			
		CC-7	Numerical Methods	9	6	54	2018			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	8	6	48	2018			
	MATHEMATICS	SEC-1	Logic and Sets	9	2	18	2018			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	9	6	54	2019	7.00	7.23	Q
		CC-9	Multivariate Calculus	6	6	36	2019			
		CC-10	Ring Theory and Linear Algebra I	6	6	36	2019			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2019			
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2019			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	9	6	54	2019	6.25	6.25	Q
		CC-12	Mechanics I	5	6	30	2019			
	MATHEMATICS	DSE-1	Linear Programming	6	6	36	2019			
		DSE-2	Probability & Statistics	5	6	30	2019			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2020	10.00	10.00	Q
		CC-14	Ring Theory and Linear Algebra II	10	6	60	2020			
	MATHEMATICS	DSE-3	Project Work	10	6	60	2020			
		DSE-4	Mechanics II	10	6	60	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.50							Letter Grade in CGPA : A		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.52										

Date of Publication of Result : 29.10.2020

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

$$CGPA = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or All semesters not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage of Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



THE UNIVERSITY OF BURDWAN
B.Sc. 3 YEAR DEGREE HONOURS FINAL EXAMINATION 2020 UNDER CBCS
GRADE CARD

Name: DEBJIT GHOSH

Honours: BOTANY

Roll No. 170331000040

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	BOTANY	CC-1	Microbiology and Phycology	5	6	30	2017	5.00	6.00	Q
		CC-2	Archegoniatae	5	6	30	2017			
	PHYSIOLOGY	GE-1	Cellular Physiology, Biophysics, Biochemistry of Biomolecules	8	6	48	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017			
II	BOTANY	CC-3	Mycology and Phytopathology	4	6	24	2018	4.50	5.40	Q
		CC-4	Morphology and Anatomy of Angiosperms	5	6	30	2018			
	PHYSIOLOGY	GE-2	Digestion and Metabolism	6	6	36	2018			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
III	BOTANY	CC-5	Plant Ecology and Phytogeography	7	6	42	2018	7.00	6.38	Q
		CC-6	Plant Systematics	7	6	42	2018			
		CC-7	Economic Botany	7	6	42	2018			
	ZOOLOGY	GE-3	Physiology and Biochemistry	5	6	30	2018			
	BOTANY	SEC-1	Agricultural Botany	5	2	10	2018			
IV	BOTANY	CC-8	Palaeobotany & Palynology	9	6	54	2019	7.67	8.00	Q
		CC-9	Biomolecules and Cell Biology	7	6	42	2019			
		CC-10	Molecular Biology	7	6	42	2019			
	ZOOLOGY	GE-4	Genetics and Evolutionary Biology	9	6	54	2019			
	BOTANY	SEC-2	Biofertilizers	8	2	16	2019			
V	BOTANY	CC-11	Plant Physiology	8	6	48	2019	8.00	8.00	Q
		CC-12	Plant Metabolism	8	6	48	2019			
	BOTANY	DSE-1	Reproductive Biology of Angiosperms	8	6	48	2019			
		DSE-2	Bioinformatics	8	6	48	2019			
VI	BOTANY	CC-13	Genetics & Plant Breeding	8	6	48	2020	7.50	7.50	Q
		CC-14	Plant Biotechnology	8	6	48	2020			
	BOTANY	DSE-3	Plant Evolution & Biodiversity	7	6	42	2020			
		DSE-4	Industrial and Environmental Microbiology	7	6	42	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 6.94							Letter Grade in CGPA : B+	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 6.94										

Date of Publication of Result : 29.10.2020

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

$$CGPA = \frac{\sum_{i=1}^N (G_i \times V_i)}{\sum_{i=1}^N V_i}$$

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or All semesters not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage of Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



THE UNIVERSITY OF BURDWAN
B.Sc. 3 YEAR DEGREE HONOURS FINAL EXAMINATION 2020 UNDER CBCS
GRADE CARD

Name: **DIBYENDU GHOSH**Honours: **MATHEMATICS**Roll No. **170331000042**

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	6	6	36	2017	5.00	5.18	Q
		CC-2	Algebra	4	6	24	2017			
	PHYSICS	GE-1	Mechanics	5	6	30	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017			
II	MATHEMATICS	CC-3	Real Analysis	6	6	36	2018	5.50	5.70	Q
		CC-4	Differential Equations and Vector Calculus	5	6	30	2018			
	PHYSICS	GE-2	Electricity and Magnetism	5	6	30	2018			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	6	6	36	2018	6.33	6.00	Q
		CC-6	Group Theory I	6	6	36	2018			
		CC-7	Numerical Methods	7	6	42	2018			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	5	6	30	2018			
	MATHEMATICS	SEC-1	Logic and Sets	6	2	12	2018			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	6	6	36	2019	5.00	5.77	Q
		CC-9	Multivariate Calculus	5	6	30	2019			
		CC-10	Ring Theory and Linear Algebra I	4	6	24	2019			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2019			
	MATHEMATICS	SEC-2	Graph Theory	9	2	18	2019			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	8	6	48	2019	6.00	6.00	Q
		CC-12	Mechanics I	5	6	30	2019			
	MATHEMATICS	DSE-1	Linear Programming	5	6	30	2019			
		DSE-2	Probability & Statistics	6	6	36	2019			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2020	10.00	10.00	Q
		CC-14	Ring Theory and Linear Algebra II	10	6	60	2020			
	MATHEMATICS	DSE-3	Project Work	10	6	60	2020			
		DSE-4	Mechanics II	10	6	60	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 6.61							Letter Grade in CGPA : B+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 6.46										

Date of Publication of Result : 29.10.2020

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

$$CGPA = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or All semesters not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage of Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



THE UNIVERSITY OF BURDWAN
B.Sc. 3 YEAR DEGREE HONOURS FINAL EXAMINATION 2020 UNDER CBCS
GRADE CARD

Name: **DIBYENDU MONDAL**Honours: **ZOOLOGY**Roll No. **170331000043**

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	ZOOLOGY	CC-1	Non-chordates I	6	6	36	2017	7.00	6.73	Q
		CC-2	Ecology	8	6	48	2017			
	PHYSIOLOGY	GE-1	Cellular Physiology, Biophysics, Biochemistry of Biomolecules	6	6	36	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
II	ZOOLOGY	CC-3	Non-chordates II	4	6	24	2018	4.00	5.10	Q
		CC-4	Cell Biology	4	6	24	2018			
	PHYSIOLOGY	GE-2	Digestion and Metabolism	6	6	36	2018			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
III	ZOOLOGY	CC-5	Chordates	4	6	24	2018	5.33	5.23	Q
		CC-6	Animal Physiology: Controlling and Coordinating Systems	6	6	36	2018			
		CC-7	Fundamentals of Biochemistry	6	6	36	2018			
	BOTANY	GE-3	Plant Anatomy and Embryology	5	6	30	2018			
	ZOOLOGY	SEC-1	Apiculture	5	2	10	2018			
IV	ZOOLOGY	CC-8	Comparative Anatomy of Vertebrates	5	6	30	2019	5.67	5.54	Q
		CC-9	Animal Physiology: Life Sustaining Systems	6	6	36	2019			
		CC-10	Immunology	6	6	36	2019			
	BOTANY	GE-4	Plant Physiology and Metabolism	5	6	30	2019			
	ZOOLOGY	SEC-2	Aquarium Fish Keeping	6	2	12	2019			
V	ZOOLOGY	CC-11	Molecular Biology	5	6	30	2019	5.75	5.75	Q
		CC-12	Genetics	6	6	36	2019			
	ZOOLOGY	DSE-1	Animal Biotechnology	5	6	30	2019			
		DSE-2	Parasitology	7	6	42	2019			
VI	ZOOLOGY	CC-13	Developmental Biology	8	6	48	2020	8.25	8.25	Q
		CC-14	Evolutionary Biology	8	6	48	2020			
	ZOOLOGY	DSE-3	Animal Behaviour	8	6	48	2020			
		DSE-4	Endocrinology	9	6	54	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 6.17							Letter Grade in CGPA : B+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 6.10										

Date of Publication of Result : 29.10.2020

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

$$CGPA = \frac{\sum_{i=1}^N (G_i \times V_i)}{\sum_{i=1}^N V_i}$$

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or All semesters not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage of Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



THE UNIVERSITY OF BURDWAN
B.Sc. 3 YEAR DEGREE HONOURS FINAL EXAMINATION 2020 UNDER CBCS
GRADE CARD

Name: GOURANGA MONDAL

Honours: PHYSICS

Roll No. 170331000044

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	PHYSICS	CC-1	Mathematical Physics-I	8	6	48	2017	8.00	8.55	Q
		CC-2	Mechanics	8	6	48	2017			
	MATHEMATICS	GE-1	Differential Calculus	10	6	60	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2017			
II	PHYSICS	CC-3	Electricity and Magnetism	9	6	54	2018	8.50	8.70	Q
		CC-4	Waves and Optics	8	6	48	2018			
	MATHEMATICS	GE-2	Differential Equations	9	6	54	2018			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
III	PHYSICS	CC-5	Mathematical Physics-II	8	6	48	2018	8.00	8.31	Q
		CC-6	Thermal Physics	7	6	42	2018			
		CC-7	Digital Systems and Applications	9	6	54	2018			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	9	6	54	2018			
	PHYSICS	SEC-1	Renewable Energy and Energy Harvesting	9	2	18	2018			
IV	PHYSICS	CC-8	Mathematical Physics-III	7	6	42	2019	7.67	7.77	Q
		CC-9	Elements of Modern Physics	8	6	48	2019			
		CC-10	Analog Systems & Applications	8	6	48	2019			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	8	6	48	2019			
	PHYSICS	SEC-2	Electrical Circuits and Network Skills	8	2	16	2019			
V	PHYSICS	CC-11	Quantum Mechanics and Applications	8	6	48	2019	7.00	7.00	Q
		CC-12	Solid State Physics	8	6	48	2019			
	PHYSICS	DSE-1	Advanced Mathematical Physics	7	6	42	2019			
		DSE-2	Classical Dynamics	5	6	30	2019			
VI	PHYSICS	CC-13	Electromagnetic Theory	9	6	54	2020	8.50	8.50	Q
		CC-14	Statistical Mechanics	9	6	54	2020			
	PHYSICS	DSE-3	Nuclear and Particle Physics	7	6	42	2020			
		DSE-4	Astronomy and Astrophysics	9	6	54	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.89							Letter Grade in CGPA : A		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.11										

Date of Publication of Result : 29.10.2020

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

$$CGPA = \frac{\sum_{i=1}^N (G_i \times V_i)}{\sum_{i=1}^N V_i}$$

Anindya Jyoti Pal
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or All semesters not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage of Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



THE UNIVERSITY OF BURDWAN
B.Sc. 3 YEAR DEGREE HONOURS FINAL EXAMINATION 2020 UNDER CBCS
GRADE CARD

Name: IMTIAJ SEIKH

Honours: PHYSIOLOGY

Roll No. 170331000046

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	PHYSIOLOGY	CC-1	Cellular Basis of Physiology	8	6	48	2017	7.50	7.09	Q
		CC-2	Biological Physics and Enzymes	7	6	42	2017			
	ZOOLOGY	GE-1	Animal Diversity	7	6	42	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017			
II	PHYSIOLOGY	CC-3	Physiology of Nerve and Muscle Cells	8	6	48	2018	7.50	7.20	Q
		CC-4	Chemistry of Biomolecules	7	6	42	2018			
	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	6	6	36	2018			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
III	PHYSIOLOGY	CC-5	Circulating Body Fluids	7	6	42	2018	7.67	7.31	Q
		CC-6	Circulation	8	6	48	2018			
		CC-7	Functions of The Nervous System	8	6	48	2018			
	BOTANY	GE-3	Plant Anatomy and Embryology	6	6	36	2018			
	PHYSIOLOGY	SEC-1	Detection of Food Additives/Adulterants	8	2	16	2018			
IV	PHYSIOLOGY	CC-8	Energy Balance, Metabolism and Nutrition	8	6	48	2019	8.67	8.46	Q
		CC-9	Gastrointestinal Function	9	6	54	2019			
		CC-10	Respiration	9	6	54	2019			
	BOTANY	GE-4	Plant Physiology and Metabolism	8	6	48	2019			
	PHYSIOLOGY	SEC-2	Hematological Techniques	8	2	16	2019			
V	PHYSIOLOGY	CC-11	Special Senses	9	6	54	2019	9.50	9.50	Q
		CC-12	Endocrinology	9	6	54	2019			
	PHYSIOLOGY	DSE-1	Biological Statistics	10	6	60	2019			
		DSE-2	Sports and Exercise Physiology	10	6	60	2019			
VI	PHYSIOLOGY	CC-13	Reproduction	9	6	54	2020	9.25	9.25	Q
		CC-14	Formation and Excretion of Urine	9	6	54	2020			
	PHYSIOLOGY	DSE-3	Human Nutrition and Dietetics	9	6	54	2020			
		DSE-4	Toxicology	10	6	60	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.56							Letter Grade in CGPA : A+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.17										

Date of Publication of Result : 29.10.2020

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

$$CGPA = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or All semesters not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage of Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



THE UNIVERSITY OF BURDWAN
B.Sc. 3 YEAR DEGREE HONOURS FINAL EXAMINATION 2020 UNDER CBCS
GRADE CARD

Name: **INDRAJIT MUKHERJEE**Honours: **ZOOLOGY**Roll No. **170331000047**

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	ZOOLOGY	CC-1	Non-chordates I	8	6	48	2017	8.00	7.55	Q
		CC-2	Ecology	8	6	48	2017			
	BOTANY	GE-1	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	7	6	42	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
II	ZOOLOGY	CC-3	Non-chordates II	9	6	54	2018	8.00	7.80	Q
		CC-4	Cell Biology	7	6	42	2018			
	BOTANY	GE-2	Plant Ecology and Taxonomy	7	6	42	2018			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
III	ZOOLOGY	CC-5	Chordates	8	6	48	2018	8.00	7.92	Q
		CC-6	Animal Physiology: Controlling and Coordinating Systems	8	6	48	2018			
		CC-7	Fundamentals of Biochemistry	8	6	48	2018			
	PHYSIOLOGY	GE-3	Respiratory and Cardiovascular Physiology	8	6	48	2018			
	ZOOLOGY	SEC-1	Apiculture	7	2	14	2018			
IV	ZOOLOGY	CC-8	Comparative Anatomy of Vertebrates	7	6	42	2019	7.33	7.38	Q
		CC-9	Animal Physiology: Life Sustaining Systems	7	6	42	2019			
		CC-10	Immunology	8	6	48	2019			
	PHYSIOLOGY	GE-4	Endocrinology, Renal Physiology, Skin and Body Temperature Regulation	8	6	48	2019			
	ZOOLOGY	SEC-2	Aquarium Fish Keeping	6	2	12	2019			
V	ZOOLOGY	CC-11	Molecular Biology	8	6	48	2019	8.25	8.25	Q
		CC-12	Genetics	8	6	48	2019			
	ZOOLOGY	DSE-1	Animal Biotechnology	8	6	48	2019			
		DSE-2	Parasitology	9	6	54	2019			
VI	ZOOLOGY	CC-13	Developmental Biology	9	6	54	2020	8.50	8.50	Q
		CC-14	Evolutionary Biology	8	6	48	2020			
	ZOOLOGY	DSE-3	Animal Behaviour	8	6	48	2020			
		DSE-4	Endocrinology	9	6	54	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.06							Letter Grade in CGPA : A+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.90										

Date of Publication of Result : 29.10.2020

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

$$CGPA = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or All semesters not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage of Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



THE UNIVERSITY OF BURDWAN
B.Sc. 3 YEAR DEGREE HONOURS FINAL EXAMINATION 2020 UNDER CBCS
GRADE CARD

Name: JAYANTA ACHARYYA

Honours: MATHEMATICS

Roll No. 170331000048

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	4	6	24	2017	4.00	4.91	Q
		CC-2	Algebra	4	6	24	2017			
	PHYSICS	GE-1	Mechanics	6	6	36	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017			
II	MATHEMATICS	CC-3	Real Analysis	5	6	30	2018	5.00	5.70	Q
		CC-4	Differential Equations and Vector Calculus	5	6	30	2018			
	PHYSICS	GE-2	Electricity and Magnetism	6	6	36	2018			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	6	6	36	2018	6.00	6.15	Q
		CC-6	Group Theory I	4	6	24	2018			
		CC-7	Numerical Methods	8	6	48	2018			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	6	6	36	2018			
	MATHEMATICS	SEC-1	Logic and Sets	8	2	16	2018			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	5	6	30	2019	5.00	5.85	Q
		CC-9	Multivariate Calculus	4	6	24	2019			
		CC-10	Ring Theory and Linear Algebra I	6	6	36	2019			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2019			
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2019			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	8	6	48	2019	6.00	6.00	Q
		CC-12	Mechanics I	6	6	36	2019			
	MATHEMATICS	DSE-1	Linear Programming	6	6	36	2019			
		DSE-2	Probability & Statistics	4	6	24	2019			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2020	10.00	10.00	Q
		CC-14	Ring Theory and Linear Algebra II	10	6	60	2020			
	MATHEMATICS	DSE-3	Project Work	10	6	60	2020			
		DSE-4	Mechanics II	10	6	60	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 6.39							Letter Grade in CGPA : B+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 6.46										

Date of Publication of Result : 29.10.2020

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

$$CGPA = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

Anindya Jyoti Pal
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or All semesters not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage of Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



THE UNIVERSITY OF BURDWAN
B.Sc. 3 YEAR DEGREE HONOURS FINAL EXAMINATION 2020 UNDER CBCS
GRADE CARD

Name: JOY BASKI

Honours: CHEMISTRY

Roll No. 170331000050

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	CHEMISTRY	CC-1	Organic Chemistry-I	8	6	48	2017	7.00	6.45	Q
		CC-2	Physical Chemistry-I	6	6	36	2017			
	MATHEMATICS	GE-1	Differential Calculus	5	6	30	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
II	CHEMISTRY	CC-3	Inorganic Chemistry-I	6	6	36	2018	6.50	6.20	Q
		CC-4	Organic Chemistry-II	7	6	42	2018			
	MATHEMATICS	GE-2	Differential Equations	5	6	30	2018			
	Communicative English/MIL	AECC-2	Communicative English	8	2	16	2018			
III	CHEMISTRY	CC-5	Physical Chemistry-II	6	6	36	2018	6.33	6.77	Q
		CC-6	Inorganic Chemistry-II	8	6	48	2018			
		CC-7	Organic Chemistry-III	5	6	30	2018			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	8	6	48	2018			
	CHEMISTRY	SEC-1	Basic Analytical Chemistry	7	2	14	2018			
IV	CHEMISTRY	CC-8	Physical Chemistry-III	5	6	30	2019	6.00	6.15	Q
		CC-9	Inorganic Chemistry-III	6	6	36	2019			
		CC-10	Organic Chemistry - IV	7	6	42	2019			
	PHYSICS	GE-4	Waves and Optics	6	6	36	2019			
	CHEMISTRY	SEC-2	Pharmaceutical Chemistry	8	2	16	2019			
V	CHEMISTRY	CC-11	Inorganic Chemistry-IV	7	6	42	2019	7.00	7.00	Q
		CC-12	Organic Chemistry-V	7	6	42	2019			
	CHEMISTRY	DSE-1	Advanced Physical Chemistry	7	6	42	2019			
		DSE-2	Analytical Methods in Chemistry	7	6	42	2019			
VI	CHEMISTRY	CC-13	Inorganic Chemistry-V	8	6	48	2020	8.75	8.75	Q
		CC-14	Physical Chemistry-IV	9	6	54	2020			
	CHEMISTRY	DSE-3	Green Chemistry	10	6	60	2020			
		DSE-4	Inorganic Materials of Industrial Importance	8	6	48	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.06							Letter Grade in CGPA : A	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 6.90										

Date of Publication of Result : 29.10.2020

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

$$CGPA = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or All semesters not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			

Grade Point Norms:

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage of Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



THE UNIVERSITY OF BURDWAN
B.Sc. 3 YEAR DEGREE HONOURS FINAL EXAMINATION 2020 UNDER CBCS
GRADE CARD

Name: KAJAL TUDU

Honours: CHEMISTRY

Roll No. 170331000051

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	CHEMISTRY	CC-1	Organic Chemistry-I	8	6	48	2017	8.00	6.82	Q
		CC-2	Physical Chemistry-I	8	6	48	2017			
	PHYSICS	GE-1	Mechanics	5	6	30	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017			
II	CHEMISTRY	CC-3	Inorganic Chemistry-I	5	6	30	2018	6.00	6.30	Q
		CC-4	Organic Chemistry-II	7	6	42	2018			
	PHYSICS	GE-2	Electricity and Magnetism	6	6	36	2018			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
III	CHEMISTRY	CC-5	Physical Chemistry-II	5	6	30	2018	5.33	5.08	Q
		CC-6	Inorganic Chemistry-II	6	6	36	2018			
		CC-7	Organic Chemistry-III	5	6	30	2018			
	MATHEMATICS	GE-3	Real Analysis	4	6	24	2018			
	CHEMISTRY	SEC-1	Basic Analytical Chemistry	6	2	12	2018			
IV	CHEMISTRY	CC-8	Physical Chemistry-III	5	6	30	2019	5.67	6.08	Q
		CC-9	Inorganic Chemistry-III	6	6	36	2019			
		CC-10	Organic Chemistry - IV	6	6	36	2019			
	MATHEMATICS	GE-4	Algebra	7	6	42	2019			
	CHEMISTRY	SEC-2	Pharmaceutical Chemistry	7	2	14	2019			
V	CHEMISTRY	CC-11	Inorganic Chemistry-IV	6	6	36	2019	6.25	6.25	Q
		CC-12	Organic Chemistry-V	6	6	36	2019			
	CHEMISTRY	DSE-1	Advanced Physical Chemistry	6	6	36	2019			
		DSE-2	Analytical Methods in Chemistry	7	6	42	2019			
VI	CHEMISTRY	CC-13	Inorganic Chemistry-V	7	6	42	2020	7.75	7.75	Q
		CC-14	Physical Chemistry-IV	8	6	48	2020			
	CHEMISTRY	DSE-3	Green Chemistry	9	6	54	2020			
		DSE-4	Inorganic Materials of Industrial Importance	7	6	42	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 6.50							Letter Grade in CGPA : B+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 6.35										

Date of Publication of Result : 29.10.2020

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

$$CGPA = \frac{\sum_{i=1}^N (G_i \times V_i)}{\sum_{i=1}^N V_i}$$

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or All semesters not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			

Grade Point Norms:

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage of Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



THE UNIVERSITY OF BURDWAN
B.Sc. 3 YEAR DEGREE HONOURS FINAL EXAMINATION 2020 UNDER CBCS
GRADE CARD

Name: KALYAN MONDAL

Honours: CHEMISTRY

Roll No. 170331000052

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	CHEMISTRY	CC-1	Organic Chemistry-I	9	6	54	2017	8.50	7.82	Q
		CC-2	Physical Chemistry-I	8	6	48	2017			
	MATHEMATICS	GE-1	Differential Calculus	7	6	42	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
II	CHEMISTRY	CC-3	Inorganic Chemistry-I	8	6	48	2018	8.00	7.90	Q
		CC-4	Organic Chemistry-II	8	6	48	2018			
	MATHEMATICS	GE-2	Differential Equations	7	6	42	2018			
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2018			
III	CHEMISTRY	CC-5	Physical Chemistry-II	7	6	42	2018	7.33	7.23	Q
		CC-6	Inorganic Chemistry-II	8	6	48	2018			
		CC-7	Organic Chemistry-III	7	6	42	2018			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	7	6	42	2018			
	CHEMISTRY	SEC-1	Basic Analytical Chemistry	7	2	14	2018			
IV	CHEMISTRY	CC-8	Physical Chemistry-III	5	6	30	2019	6.33	6.38	Q
		CC-9	Inorganic Chemistry-III	7	6	42	2019			
		CC-10	Organic Chemistry - IV	7	6	42	2019			
	PHYSICS	GE-4	Waves and Optics	6	6	36	2019			
CHEMISTRY	SEC-2	Pharmaceutical Chemistry	8	2	16	2019				
V	CHEMISTRY	CC-11	Inorganic Chemistry-IV	7	6	42	2019	7.25	7.25	Q
		CC-12	Organic Chemistry-V	7	6	42	2019			
	CHEMISTRY	DSE-1	Advanced Physical Chemistry	7	6	42	2019			
		DSE-2	Analytical Methods in Chemistry	8	6	48	2019			
VI	CHEMISTRY	CC-13	Inorganic Chemistry-V	7	6	42	2020	8.50	8.50	Q
		CC-14	Physical Chemistry-IV	9	6	54	2020			
	CHEMISTRY	DSE-3	Green Chemistry	10	6	60	2020			
		DSE-4	Inorganic Materials of Industrial Importance	8	6	48	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.61							Letter Grade in CGPA : A		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.48										

Date of Publication of Result : 29.10.2020

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

$$CGPA = \frac{\sum_{i=1}^N (G_i \times V_i)}{\sum_{i=1}^N V_i}$$

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or All semesters not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			

Grade Point Norms:

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage of Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



THE UNIVERSITY OF BURDWAN
B.Sc. 3 YEAR DEGREE HONOURS FINAL EXAMINATION 2020 UNDER CBCS
GRADE CARD

Name: KIRAN DATTA

Honours: PHYSIOLOGY

Roll No. 17033100053

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	PHYSIOLOGY	CC-1	Cellular Basis of Physiology	7	6	42	2017	7.00	7.18	Q
		CC-2	Biological Physics and Enzymes	7	6	42	2017			
	ZOOLOGY	GE-1	Animal Diversity	7	6	42	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2017			
II	PHYSIOLOGY	CC-3	Physiology of Nerve and Muscle Cells	9	6	54	2018	8.00	7.90	Q
		CC-4	Chemistry of Biomolecules	7	6	42	2018			
	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	8	6	48	2018			
	Communicative English/MIL	AECC-2	Communicative English	7	2	14	2018			
III	PHYSIOLOGY	CC-5	Circulating Body Fluids	6	6	36	2018	6.33	6.62	Q
		CC-6	Circulation	6	6	36	2018			
		CC-7	Functions of The Nervous System	7	6	42	2018			
	BOTANY	GE-3	Plant Anatomy and Embryology	7	6	42	2018			
	PHYSIOLOGY	SEC-1	Detection of Food Additives/Adulterants	8	2	16	2018			
IV	PHYSIOLOGY	CC-8	Energy Balance, Metabolism and Nutrition	7	6	42	2019	7.33	7.31	Q
		CC-9	Gastrointestinal Function	8	6	48	2019			
		CC-10	Respiration	7	6	42	2019			
	BOTANY	GE-4	Plant Physiology and Metabolism	7	6	42	2019			
	PHYSIOLOGY	SEC-2	Hematological Techniques	8	2	16	2019			
V	PHYSIOLOGY	CC-11	Special Senses	8	6	48	2019	9.00	9.00	Q
		CC-12	Endocrinology	9	6	54	2019			
	PHYSIOLOGY	DSE-1	Biological Statistics	10	6	60	2019			
		DSE-2	Sports and Exercise Physiology	9	6	54	2019			
VI	PHYSIOLOGY	CC-13	Reproduction	9	6	54	2020	9.25	9.25	Q
		CC-14	Formation and Excretion of Urine	9	6	54	2020			
	PHYSIOLOGY	DSE-3	Human Nutrition and Dietetics	9	6	54	2020			
		DSE-4	Toxicology	10	6	60	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.00							Letter Grade in CGPA : A+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.86										

Date of Publication of Result : 29.10.2020

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

$$CGPA = \frac{\sum_{i=1}^N (G_i \times V_i)}{\sum_{i=1}^N V_i}$$

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or All semesters not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage of Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



THE UNIVERSITY OF BURDWAN
B.Sc. 3 YEAR DEGREE HONOURS FINAL EXAMINATION 2020 UNDER CBCS
GRADE CARD

Name: KRISHNENDU DAS

Honours: ZOOLOGY

Roll No. 170331000054

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	ZOOLOGY	CC-1	Non-chordates I	9	6	54	2017	8.50	7.82	Q
		CC-2	Ecology	8	6	48	2017			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	7	6	42	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
II	ZOOLOGY	CC-3	Non-chordates II	8	6	48	2018	7.50	7.50	Q
		CC-4	Cell Biology	7	6	42	2018			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	7	6	42	2018			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
III	ZOOLOGY	CC-5	Chordates	7	6	42	2018	7.33	7.31	Q
		CC-6	Animal Physiology: Controlling and Coordinating Systems	8	6	48	2018			
		CC-7	Fundamentals of Biochemistry	7	6	42	2018			
	BOTANY	GE-3	Plant Anatomy and Embryology	7	6	42	2018			
	ZOOLOGY	SEC-1	Apiculture	8	2	16	2018			
IV	ZOOLOGY	CC-8	Comparative Anatomy of Vertebrates	6	6	36	2019	7.00	7.31	Q
		CC-9	Animal Physiology: Life Sustaining Systems	7	6	42	2019			
		CC-10	Immunology	8	6	48	2019			
	BOTANY	GE-4	Plant Physiology and Metabolism	8	6	48	2019			
	ZOOLOGY	SEC-2	Aquarium Fish Keeping	8	2	16	2019			
V	ZOOLOGY	CC-11	Molecular Biology	7	6	42	2019	6.25	6.25	Q
		CC-12	Genetics	5	6	30	2019			
	ZOOLOGY	DSE-1	Animal Biotechnology	5	6	30	2019			
		DSE-2	Parasitology	8	6	48	2019			
VI	ZOOLOGY	CC-13	Developmental Biology	9	6	54	2020	8.75	8.75	Q
		CC-14	Evolutionary Biology	9	6	54	2020			
	ZOOLOGY	DSE-3	Animal Behaviour	8	6	48	2020			
		DSE-4	Endocrinology	9	6	54	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.50							Letter Grade in CGPA : A		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.48										

Date of Publication of Result : 29.10.2020

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

$$CGPA = \frac{\sum_{i=1}^N (G_i \times V_i)}{\sum_{i=1}^N V_i}$$

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs. <5 or All semesters not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage of Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



THE UNIVERSITY OF BURDWAN
B.Sc. 3 YEAR DEGREE HONOURS FINAL EXAMINATION 2020 UNDER CBCS
GRADE CARD

Name: KUNTAL ROY

Honours: MATHEMATICS

Roll No. 170331000055

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	9	6	54	2017	9.00	8.09	Q
		CC-2	Algebra	9	6	54	2017			
	PHYSICS	GE-1	Mechanics	7	6	42	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
II	MATHEMATICS	CC-3	Real Analysis	9	6	54	2018	8.00	8.20	Q
		CC-4	Differential Equations and Vector Calculus	7	6	42	2018			
	PHYSICS	GE-2	Electricity and Magnetism	8	6	48	2018			
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2018			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	7	6	42	2018	7.67	7.38	Q
		CC-6	Group Theory I	7	6	42	2018			
		CC-7	Numerical Methods	9	6	54	2018			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	6	6	36	2018			
	MATHEMATICS	SEC-1	Logic and Sets	9	2	18	2018			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	9	6	54	2019	7.67	7.69	Q
		CC-9	Multivariate Calculus	7	6	42	2019			
		CC-10	Ring Theory and Linear Algebra I	7	6	42	2019			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2019			
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2019			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	10	6	60	2019	7.00	7.00	Q
		CC-12	Mechanics I	6	6	36	2019			
	MATHEMATICS	DSE-1	Linear Programming	7	6	42	2019			
		DSE-2	Probability & Statistics	5	6	30	2019			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2020	10.00	10.00	Q
		CC-14	Ring Theory and Linear Algebra II	10	6	60	2020			
	MATHEMATICS	DSE-3	Project Work	10	6	60	2020			
		DSE-4	Mechanics II	10	6	60	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.22							Letter Grade in CGPA : A+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.04										

Date of Publication of Result : 29.10.2020

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

$$CGPA = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or All semesters not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage of Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



THE UNIVERSITY OF BURDWAN
B.Sc. 3 YEAR DEGREE HONOURS FINAL EXAMINATION 2020 UNDER CBCS
GRADE CARD

Name: LOKNATH BAGDI

Honours: MATHEMATICS

Roll No. 170331000056

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	5	6	30	2017	4.50	5.09	Q
		CC-2	Algebra	4	6	24	2017			
	PHYSICS	GE-1	Mechanics	5	6	30	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
II	MATHEMATICS	CC-3	Real Analysis	6	6	36	2018	5.00	5.50	Q
		CC-4	Differential Equations and Vector Calculus	4	6	24	2018			
	PHYSICS	GE-2	Electricity and Magnetism	5	6	30	2018			
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2018			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	NA	6	NA				SNC
		CC-6	Group Theory I	NA	6	NA				
		CC-7	Numerical Methods	5	6	30	2018			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	6	6	36	2018			
	MATHEMATICS	SEC-1	Logic and Sets	7	2	14	2018			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	5	6	30	2019	4.67	5.31	Q
		CC-9	Multivariate Calculus	5	6	30	2019			
		CC-10	Ring Theory and Linear Algebra I	4	6	24	2019			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	6	6	36	2019			
	MATHEMATICS	SEC-2	Graph Theory	9	2	18	2019			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	7	6	42	2019			SNC
		CC-12	Mechanics I	NA	6	NA				
	MATHEMATICS	DSE-1	Linear Programming	4	6	24	2019			
		DSE-2	Probability & Statistics	4	6	24	2019			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	9	6	54	2020	9.75	9.75	Q
		CC-14	Ring Theory and Linear Algebra II	10	6	60	2020			
	MATHEMATICS	DSE-3	Project Work	10	6	60	2020			
		DSE-4	Mechanics II	10	6	60	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs :							Letter Grade in CGPA :		Result : PNC	
CGPA (Cumulative Grade Point Average) on the basis of All Courses :										

Date of Publication of Result : 29.10.2020

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

$$CGPA = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or All semesters not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage of Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



THE UNIVERSITY OF BURDWAN
B.Sc. 3 YEAR DEGREE HONOURS FINAL EXAMINATION 2020 UNDER CBCS
GRADE CARD

Name: MADHUMITA PAUL

Honours: PHYSICS

Roll No. 170331000057

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	PHYSICS	CC-1	Mathematical Physics-I	4	6	24	2017	4.50	5.27	Q
		CC-2	Mechanics	5	6	30	2017			
	MATHEMATICS	GE-1	Differential Calculus	5	6	30	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2017			
II	PHYSICS	CC-3	Electricity and Magnetism	6	6	36	2018	6.50	6.30	Q
		CC-4	Waves and Optics	7	6	42	2018			
	MATHEMATICS	GE-2	Differential Equations	5	6	30	2018			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
III	PHYSICS	CC-5	Mathematical Physics-II	5	6	30	2018	5.67	5.92	Q
		CC-6	Thermal Physics	5	6	30	2018			
		CC-7	Digital Systems and Applications	7	6	42	2018			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	6	6	36	2018			
	PHYSICS	SEC-1	Renewable Energy and Energy Harvesting	8	2	16	2018			
IV	PHYSICS	CC-8	Mathematical Physics-III	5	6	30	2019	5.33	5.85	Q
		CC-9	Elements of Modern Physics	5	6	30	2019			
		CC-10	Analog Systems & Applications	6	6	36	2019			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2019			
PHYSICS	SEC-2	Electrical Circuits and Network Skills	7	2	14	2019				
V	PHYSICS	CC-11	Quantum Mechanics and Applications	7	6	42	2019	5.75	5.75	Q
		CC-12	Solid State Physics	6	6	36	2019			
	PHYSICS	DSE-1	Advanced Mathematical Physics	6	6	36	2019			
		DSE-2	Classical Dynamics	4	6	24	2019			
VI	PHYSICS	CC-13	Electromagnetic Theory	9	6	54	2020	8.50	8.50	Q
		CC-14	Statistical Mechanics	9	6	54	2020			
	PHYSICS	DSE-3	Nuclear and Particle Physics	8	6	48	2020			
		DSE-4	Astronomy and Astrophysics	8	6	48	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 6.22							Letter Grade in CGPA : B+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 6.27										

Date of Publication of Result : 29.10.2020

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

$$CGPA = \frac{\sum_{i=1}^N (G_i \times V_i)}{\sum_{i=1}^N V_i}$$

Anindya Jyoti Pal
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or All semesters not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage of Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



THE UNIVERSITY OF BURDWAN
B.Sc. 3 YEAR DEGREE HONOURS FINAL EXAMINATION 2020 UNDER CBCS
GRADE CARD

Name: MADHUSREE MOSAN

Honours: BOTANY

Roll No. 170331000059

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	BOTANY	CC-1	Microbiology and Phycology	7	6	42	2017	8.00	8.09	Q
		CC-2	Archegoniatae	9	6	54	2017			
	ZOOLOGY	GE-1	Animal Diversity	9	6	54	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
II	BOTANY	CC-3	Mycology and Phytopathology	8	6	48	2018	8.00	8.10	Q
		CC-4	Morphology and Anatomy of Angiosperms	8	6	48	2018			
	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	8	6	48	2018			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
III	BOTANY	CC-5	Plant Ecology and Phytogeography	8	6	48	2018	8.67	8.08	Q
		CC-6	Plant Systematics	8	6	48	2018			
		CC-7	Economic Botany	10	6	60	2018			
	PHYSIOLOGY	GE-3	Respiratory and Cardiovascular Physiology	7	6	42	2018			
	BOTANY	SEC-1	Agricultural Botany	6	2	12	2018			
IV	BOTANY	CC-8	Palaeobotany & Palynology	9	6	54	2019	8.67	8.46	Q
		CC-9	Biomolecules and Cell Biology	8	6	48	2019			
		CC-10	Molecular Biology	9	6	54	2019			
	PHYSIOLOGY	GE-4	Endocrinology, Renal Physiology, Skin and Body Temperature Regulation	8	6	48	2019			
	BOTANY	SEC-2	Biofertilizers	8	2	16	2019			
V	BOTANY	CC-11	Plant Physiology	9	6	54	2019	8.25	8.25	Q
		CC-12	Plant Metabolism	9	6	54	2019			
	BOTANY	DSE-1	Reproductive Biology of Angiosperms	8	6	48	2019			
		DSE-2	Bioinformatics	7	6	42	2019			
VI	BOTANY	CC-13	Genetics & Plant Breeding	9	6	54	2020	9.00	9.00	Q
		CC-14	Plant Biotechnology	9	6	54	2020			
	BOTANY	DSE-3	Plant Evolution & Biodiversity	9	6	54	2020			
		DSE-4	Industrial and Environmental Microbiology	9	6	54	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.50							Letter Grade in CGPA : A+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.34										

Date of Publication of Result : 29.10.2020

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

$$CGPA = \frac{\sum_{i=1}^N (G_i \times V_i)}{\sum_{i=1}^N V_i}$$

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or All semesters not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage of Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



THE UNIVERSITY OF BURDWAN
B.Sc. 3 YEAR DEGREE HONOURS FINAL EXAMINATION 2020 UNDER CBCS
GRADE CARD

Name: MAHADEB BANERJEE

Honours: MATHEMATICS

Roll No. 170331000060

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	6	6	36	2017	6.00	6.18	Q
		CC-2	Algebra	6	6	36	2017			
	PHYSICS	GE-1	Mechanics	6	6	36	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
II	MATHEMATICS	CC-3	Real Analysis	9	6	54	2018	8.00	7.60	Q
		CC-4	Differential Equations and Vector Calculus	7	6	42	2018			
	PHYSICS	GE-2	Electricity and Magnetism	7	6	42	2018			
	Communicative English/MIL	AECC-2	Communicative English	7	2	14	2018			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	7	6	42	2018	8.00	7.85	Q
		CC-6	Group Theory I	7	6	42	2018			
		CC-7	Numerical Methods	10	6	60	2018			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	7	6	42	2018			
	MATHEMATICS	SEC-1	Logic and Sets	9	2	18	2018			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	7	6	42	2019	6.00	6.54	Q
		CC-9	Multivariate Calculus	4	6	24	2019			
		CC-10	Ring Theory and Linear Algebra I	7	6	42	2019			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2019			
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2019			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	9	6	54	2019	7.25	7.25	Q
		CC-12	Mechanics I	6	6	36	2019			
	MATHEMATICS	DSE-1	Linear Programming	8	6	48	2019			
		DSE-2	Probability & Statistics	6	6	36	2019			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2020	10.00	10.00	Q
		CC-14	Ring Theory and Linear Algebra II	10	6	60	2020			
	MATHEMATICS	DSE-3	Project Work	10	6	60	2020			
		DSE-4	Mechanics II	10	6	60	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.72							Letter Grade in CGPA : A		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.58										

Date of Publication of Result : 29.10.2020

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

$$CGPA = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or All semesters not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage of Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



THE UNIVERSITY OF BURDWAN
B.Sc. 3 YEAR DEGREE HONOURS FINAL EXAMINATION 2020 UNDER CBCS
GRADE CARD

Name: MANABENDRA PAL

Honours: MATHEMATICS

Roll No. 170331000062

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	5	6	30	2017	5.00	6.18	Q
		CC-2	Algebra	5	6	30	2017			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	8	6	48	2017			
		AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
II	MATHEMATICS	CC-3	Real Analysis	9	6	54	2018	8.50	8.40	Q
		CC-4	Differential Equations and Vector Calculus	8	6	48	2018			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	8	6	48	2018			
		AECC-2	Communicative English	9	2	18	2018			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	7	6	42	2018	7.33	7.23	Q
		CC-6	Group Theory I	6	6	36	2018			
		CC-7	Numerical Methods	9	6	54	2018			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	7	6	42	2018			
	MATHEMATICS	SEC-1	Logic and Sets	7	2	14	2018			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	8	6	48	2019	7.33	7.23	Q
		CC-9	Multivariate Calculus	5	6	30	2019			
		CC-10	Ring Theory and Linear Algebra I	9	6	54	2019			
	PHYSICS	GE-4	Waves and Optics	6	6	36	2019			
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2019			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	9	6	54	2019	7.25	7.25	Q
		CC-12	Mechanics I	5	6	30	2019			
	MATHEMATICS	DSE-1	Linear Programming	9	6	54	2019			
		DSE-2	Probability & Statistics	6	6	36	2019			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2020	10.00	10.00	Q
		CC-14	Ring Theory and Linear Algebra II	10	6	60	2020			
	MATHEMATICS	DSE-3	Project Work	10	6	60	2020			
		DSE-4	Mechanics II	10	6	60	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.78							Letter Grade in CGPA : A		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.70										

Date of Publication of Result : 29.10.2020

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

$$CGPA = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

Anindya Jyoti Pal
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or All semesters not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage of Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



THE UNIVERSITY OF BURDWAN
B.Sc. 3 YEAR DEGREE HONOURS FINAL EXAMINATION 2020 UNDER CBCS
GRADE CARD

Name: MANGAL MOY HALDER

Honours: PHYSIOLOGY

Roll No. 17033100063

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	PHYSIOLOGY	CC-1	Cellular Basis of Physiology	8	6	48	2017	8.00	7.09	Q
		CC-2	Biological Physics and Enzymes	8	6	48	2017			
	BOTANY	GE-1	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	6	6	36	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017			
II	PHYSIOLOGY	CC-3	Physiology of Nerve and Muscle Cells	9	6	54	2018	8.50	8.10	Q
		CC-4	Chemistry of Biomolecules	8	6	48	2018			
	BOTANY	GE-2	Plant Ecology and Taxonomy	7	6	42	2018			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
III	PHYSIOLOGY	CC-5	Circulating Body Fluids	6	6	36	2018	7.00	6.85	Q
		CC-6	Circulation	8	6	48	2018			
		CC-7	Functions of The Nervous System	7	6	42	2018			
	ZOOLOGY	GE-3	Physiology and Biochemistry	6	6	36	2018			
	PHYSIOLOGY	SEC-1	Detection of Food Additives/Adulterants	8	2	16	2018			
IV	PHYSIOLOGY	CC-8	Energy Balance, Metabolism and Nutrition	8	6	48	2019	8.00	8.08	Q
		CC-9	Gastrointestinal Function	8	6	48	2019			
		CC-10	Respiration	8	6	48	2019			
	ZOOLOGY	GE-4	Genetics and Evolutionary Biology	8	6	48	2019			
	PHYSIOLOGY	SEC-2	Hematological Techniques	9	2	18	2019			
V	PHYSIOLOGY	CC-11	Special Senses	9	6	54	2019	9.50	9.50	Q
		CC-12	Endocrinology	9	6	54	2019			
	PHYSIOLOGY	DSE-1	Biological Statistics	10	6	60	2019			
		DSE-2	Sports and Exercise Physiology	10	6	60	2019			
VI	PHYSIOLOGY	CC-13	Reproduction	9	6	54	2020	9.25	9.25	Q
		CC-14	Formation and Excretion of Urine	9	6	54	2020			
	PHYSIOLOGY	DSE-3	Human Nutrition and Dietetics	9	6	54	2020			
		DSE-4	Toxicology	10	6	60	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.50							Letter Grade in CGPA : A+	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.14										

Date of Publication of Result : 29.10.2020

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

$$CGPA = \frac{\sum_{i=1}^N (G_i \times V_i)}{\sum_{i=1}^N V_i}$$

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or All semesters not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage of Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



THE UNIVERSITY OF BURDWAN
B.Sc. 3 YEAR DEGREE HONOURS FINAL EXAMINATION 2020 UNDER CBCS
GRADE CARD

Name: MD AFROJ ALAM

Honours: ZOOLOGY

Roll No. 170331000064

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	ZOOLOGY	CC-1	Non-chordates I	6	6	36	2017	6.00	5.73	Q
		CC-2	Ecology	6	6	36	2017			
	BOTANY	GE-1	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	5	6	30	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017			
II	ZOOLOGY	CC-3	Non-chordates II	5	6	30	2018	5.00	5.60	Q
		CC-4	Cell Biology	5	6	30	2018			
	BOTANY	GE-2	Plant Ecology and Taxonomy	6	6	36	2018			
	Communicative English/MIL	AECC-2	Bengali	8	2	16	2018			
III	ZOOLOGY	CC-5	Chordates	5	6	30	2018	5.00	5.31	Q
		CC-6	Animal Physiology: Controlling and Coordinating Systems	5	6	30	2018			
		CC-7	Fundamentals of Biochemistry	5	6	30	2018			
	PHYSIOLOGY	GE-3	Respiratory and Cardiovascular Physiology	6	6	36	2018			
	ZOOLOGY	SEC-1	Apiculture	6	2	12	2018			
IV	ZOOLOGY	CC-8	Comparative Anatomy of Vertebrates	5	6	30	2019	5.67	5.77	Q
		CC-9	Animal Physiology: Life Sustaining Systems	6	6	36	2019			
		CC-10	Immunology	6	6	36	2019			
	PHYSIOLOGY	GE-4	Endocrinology, Renal Physiology, Skin and Body Temperature Regulation	6	6	36	2019			
	ZOOLOGY	SEC-2	Aquarium Fish Keeping	6	2	12	2019			
V	ZOOLOGY	CC-11	Molecular Biology	6	6	36	2019	5.50	5.50	Q
		CC-12	Genetics	5	6	30	2019			
	ZOOLOGY	DSE-1	Animal Biotechnology	5	6	30	2019			
		DSE-2	Parasitology	6	6	36	2019			
VI	ZOOLOGY	CC-13	Developmental Biology	9	6	54	2020	8.25	8.25	Q
		CC-14	Evolutionary Biology	8	6	48	2020			
	ZOOLOGY	DSE-3	Animal Behaviour	8	6	48	2020			
		DSE-4	Endocrinology	8	6	48	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 6.06							Letter Grade in CGPA : B+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 6.03										

Date of Publication of Result : 29.10.2020

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

$$CGPA = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

Anindya Zoti Pal
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or All semesters not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage of Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



THE UNIVERSITY OF BURDWAN
B.Sc. 3 YEAR DEGREE HONOURS FINAL EXAMINATION 2020 UNDER CBCS
GRADE CARD

Name: MD GIYAS ALI

Honours: BOTANY

Roll No. 170331000065

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	BOTANY	CC-1	Microbiology and Phycology	5	6	30	2017	5.50	5.91	Q
		CC-2	Archegoniatae	6	6	36	2017			
	ZOOLOGY	GE-1	Animal Diversity	6	6	36	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
II	BOTANY	CC-3	Mycology and Phytopathology	5	6	30	2018	5.50	5.80	Q
		CC-4	Morphology and Anatomy of Angiosperms	6	6	36	2018			
	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	6	6	36	2018			
	Communicative English/MIL	AECC-2	Bengali	7	2	14	2018			
III	BOTANY	CC-5	Plant Ecology and Phytogeography	6	6	36	2018	7.00	6.46	Q
		CC-6	Plant Systematics	8	6	48	2018			
		CC-7	Economic Botany	7	6	42	2018			
	PHYSIOLOGY	GE-3	Respiratory and Cardiovascular Physiology	5	6	30	2018			
	BOTANY	SEC-1	Agricultural Botany	6	2	12	2018			
IV	BOTANY	CC-8	Palaeobotany & Palynology	9	6	54	2019	8.00	7.54	Q
		CC-9	Biomolecules and Cell Biology	8	6	48	2019			
		CC-10	Molecular Biology	7	6	42	2019			
	PHYSIOLOGY	GE-4	Endocrinology, Renal Physiology, Skin and Body Temperature Regulation	6	6	36	2019			
	BOTANY	SEC-2	Biofertilizers	8	2	16	2019			
V	BOTANY	CC-11	Plant Physiology	8	6	48	2019	7.75	7.75	Q
		CC-12	Plant Metabolism	7	6	42	2019			
	BOTANY	DSE-1	Reproductive Biology of Angiosperms	8	6	48	2019			
		DSE-2	Bioinformatics	8	6	48	2019			
VI	BOTANY	CC-13	Genetics & Plant Breeding	7	6	42	2020	7.25	7.25	Q
		CC-14	Plant Biotechnology	8	6	48	2020			
	BOTANY	DSE-3	Plant Evolution & Biodiversity	7	6	42	2020			
		DSE-4	Industrial and Environmental Microbiology	7	6	42	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.06							Letter Grade in CGPA : A		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 6.83										

Date of Publication of Result : 29.10.2020

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

$$CGPA = \frac{\sum_{i=1}^N (G_i \times V_i)}{\sum_{i=1}^N V_i}$$

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or All semesters not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage of Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



THE UNIVERSITY OF BURDWAN
B.Sc. 3 YEAR DEGREE HONOURS FINAL EXAMINATION 2020 UNDER CBCS
GRADE CARD

Name: MILI MUKHERJEE

Honours: BOTANY

Roll No. 170331000069

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	BOTANY	CC-1	Microbiology and Phycology	8	6	48	2017	8.50	8.55	Q
		CC-2	Archegoniatae	9	6	54	2017			
	ZOOLOGY	GE-1	Animal Diversity	9	6	54	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2017			
II	BOTANY	CC-3	Mycology and Phytopathology	7	6	42	2018	7.50	7.80	Q
		CC-4	Morphology and Anatomy of Angiosperms	8	6	48	2018			
	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	8	6	48	2018			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
III	BOTANY	CC-5	Plant Ecology and Phytogeography	8	6	48	2018	8.67	8.08	Q
		CC-6	Plant Systematics	9	6	54	2018			
		CC-7	Economic Botany	9	6	54	2018			
	PHYSIOLOGY	GE-3	Respiratory and Cardiovascular Physiology	7	6	42	2018			
	BOTANY	SEC-1	Agricultural Botany	6	2	12	2018			
IV	BOTANY	CC-8	Palaeobotany & Palynology	9	6	54	2019	8.33	8.00	Q
		CC-9	Biomolecules and Cell Biology	9	6	54	2019			
		CC-10	Molecular Biology	7	6	42	2019			
	PHYSIOLOGY	GE-4	Endocrinology, Renal Physiology, Skin and Body Temperature Regulation	7	6	42	2019			
	BOTANY	SEC-2	Biofertilizers	8	2	16	2019			
V	BOTANY	CC-11	Plant Physiology	8	6	48	2019	8.25	8.25	Q
		CC-12	Plant Metabolism	8	6	48	2019			
	BOTANY	DSE-1	Reproductive Biology of Angiosperms	8	6	48	2019			
		DSE-2	Bioinformatics	9	6	54	2019			
VI	BOTANY	CC-13	Genetics & Plant Breeding	9	6	54	2020	9.00	9.00	Q
		CC-14	Plant Biotechnology	9	6	54	2020			
	BOTANY	DSE-3	Plant Evolution & Biodiversity	9	6	54	2020			
		DSE-4	Industrial and Environmental Microbiology	9	6	54	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.44							Letter Grade in CGPA : A+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.28										

Date of Publication of Result : 29.10.2020

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

$$CGPA = \frac{\sum_{i=1}^N (G_i \times V_i)}{\sum_{i=1}^N V_i}$$

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or All semesters not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage of Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



THE UNIVERSITY OF BURDWAN
B.Sc. 3 YEAR DEGREE HONOURS FINAL EXAMINATION 2020 UNDER CBCS
GRADE CARD

Name: MOUMITA MONDAL

Honours: MATHEMATICS

Roll No. 170331000070

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	8	6	48	2017	6.50	7.18	Q
		CC-2	Algebra	5	6	30	2017			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	8	6	48	2017			
		ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32			
II	MATHEMATICS	CC-3	Real Analysis	10	6	60	2018	8.00	7.80	Q
		CC-4	Differential Equations and Vector Calculus	6	6	36	2018			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	7	6	42	2018			
		Communicative English/MIL	AECC-2	Bengali	9	2	18			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	5	6	30	2018	6.00	6.15	Q
		CC-6	Group Theory I	6	6	36	2018			
		CC-7	Numerical Methods	7	6	42	2018			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	6	6	36	2018			
	MATHEMATICS	SEC-1	Logic and Sets	8	2	16	2018			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	7	6	42	2019	5.00	5.54	Q
		CC-9	Multivariate Calculus	4	6	24	2019			
		CC-10	Ring Theory and Linear Algebra I	4	6	24	2019			
	PHYSICS	GE-4	Waves and Optics	6	6	36	2019			
	MATHEMATICS	SEC-2	Graph Theory	9	2	18	2019			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	8	6	48	2019	5.75	5.75	Q
		CC-12	Mechanics I	4	6	24	2019			
	MATHEMATICS	DSE-1	Linear Programming	5	6	30	2019			
		DSE-2	Probability & Statistics	6	6	36	2019			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2020	10.00	10.00	Q
		CC-14	Ring Theory and Linear Algebra II	10	6	60	2020			
	MATHEMATICS	DSE-3	Project Work	10	6	60	2020			
		DSE-4	Mechanics II	10	6	60	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 6.94							Letter Grade in CGPA : B+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.01										

Date of Publication of Result : 29.10.2020

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

$$CGPA = \frac{\sum_{i=1}^N (G_i \times V_i)}{\sum_{i=1}^N V_i}$$

Anindya Jyoti Pal
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or All semesters not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage of Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



THE UNIVERSITY OF BURDWAN
B.Sc. 3 YEAR DEGREE HONOURS FINAL EXAMINATION 2020 UNDER CBCS
GRADE CARD

Name: MOUMITA SAHA

Honours: MATHEMATICS

Roll No. 170331000071

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	4	6	24	2017	4.50	5.36	Q
		CC-2	Algebra	5	6	30	2017			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	6	6	36	2017			
		AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
II	MATHEMATICS	CC-3	Real Analysis	8	6	48	2018	7.00	7.10	Q
		CC-4	Differential Equations and Vector Calculus	6	6	36	2018			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	7	6	42	2018			
		AECC-2	Bengali	8	2	16	2018			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	5	6	30	2018	6.00	5.92	Q
		CC-6	Group Theory I	5	6	30	2018			
		CC-7	Numerical Methods	8	6	48	2018			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	5	6	30	2018			
	MATHEMATICS	SEC-1	Logic and Sets	8	2	16	2018			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	9	6	54	2019	6.33	6.46	Q
		CC-9	Multivariate Calculus	5	6	30	2019			
		CC-10	Ring Theory and Linear Algebra I	5	6	30	2019			
	PHYSICS	GE-4	Waves and Optics	6	6	36	2019			
	MATHEMATICS	SEC-2	Graph Theory	9	2	18	2019			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	8	6	48	2019	7.00	7.00	Q
		CC-12	Mechanics I	6	6	36	2019			
	MATHEMATICS	DSE-1	Linear Programming	7	6	42	2019			
		DSE-2	Probability & Statistics	7	6	42	2019			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2020	10.00	10.00	Q
		CC-14	Ring Theory and Linear Algebra II	10	6	60	2020			
	MATHEMATICS	DSE-3	Project Work	10	6	60	2020			
		DSE-4	Mechanics II	10	6	60	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.11							Letter Grade in CGPA : A		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 6.97										

Date of Publication of Result : 29.10.2020

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

$$CGPA = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

Anindya Jyoti Pal
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or All semesters not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage of Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



THE UNIVERSITY OF BURDWAN
B.Sc. 3 YEAR DEGREE HONOURS FINAL EXAMINATION 2020 UNDER CBCS
GRADE CARD

Name: MRIGANKA SEN

Honours: CHEMISTRY

Roll No. 170331000072

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	CHEMISTRY	CC-1	Organic Chemistry-I	9	6	54	2017	8.50	8.00	Q
		CC-2	Physical Chemistry-I	8	6	48	2017			
	PHYSICS	GE-1	Mechanics	7	6	42	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2017			
II	CHEMISTRY	CC-3	Inorganic Chemistry-I	9	6	54	2018	9.00	8.30	Q
		CC-4	Organic Chemistry-II	9	6	54	2018			
	PHYSICS	GE-2	Electricity and Magnetism	7	6	42	2018			
	Communicative English/MIL	AECC-2	Communicative English	8	2	16	2018			
III	CHEMISTRY	CC-5	Physical Chemistry-II	9	6	54	2018	9.00	8.08	Q
		CC-6	Inorganic Chemistry-II	9	6	54	2018			
		CC-7	Organic Chemistry-III	9	6	54	2018			
	MATHEMATICS	GE-3	Real Analysis	5	6	30	2018			
	CHEMISTRY	SEC-1	Basic Analytical Chemistry	9	2	18	2018			
IV	CHEMISTRY	CC-8	Physical Chemistry-III	7	6	42	2019	7.67	8.23	Q
		CC-9	Inorganic Chemistry-III	8	6	48	2019			
		CC-10	Organic Chemistry - IV	8	6	48	2019			
	MATHEMATICS	GE-4	Algebra	10	6	60	2019			
	CHEMISTRY	SEC-2	Pharmaceutical Chemistry	8	2	16	2019			
V	CHEMISTRY	CC-11	Inorganic Chemistry-IV	8	6	48	2019	8.25	8.25	Q
		CC-12	Organic Chemistry-V	8	6	48	2019			
	CHEMISTRY	DSE-1	Advanced Physical Chemistry	9	6	54	2019			
		DSE-2	Analytical Methods in Chemistry	8	6	48	2019			
VI	CHEMISTRY	CC-13	Inorganic Chemistry-V	8	6	48	2020	9.00	9.00	Q
		CC-14	Physical Chemistry-IV	9	6	54	2020			
	CHEMISTRY	DSE-3	Green Chemistry	10	6	60	2020			
		DSE-4	Inorganic Materials of Industrial Importance	9	6	54	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.56							Letter Grade in CGPA : A+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.31										

Date of Publication of Result : 29.10.2020

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^N (G_i \times V_i)}{\sum_{i=1}^N V_i}$$

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or All semesters not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			

Grade Point Norms:

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage of Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



THE UNIVERSITY OF BURDWAN
B.Sc. 3 YEAR DEGREE HONOURS FINAL EXAMINATION 2020 UNDER CBCS
GRADE CARD

Name: NIKITA ROY

Honours: BOTANY

Roll No. 170331000073

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	BOTANY	CC-1	Microbiology and Phycology	7	6	42	2017	7.50	7.45	Q
		CC-2	Archegoniatae	8	6	48	2017			
	ZOOLOGY	GE-1	Animal Diversity	7	6	42	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2017			
II	BOTANY	CC-3	Mycology and Phytopathology	6	6	36	2018	6.50	6.10	Q
		CC-4	Morphology and Anatomy of Angiosperms	7	6	42	2018			
	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	5	6	30	2018			
	Communicative English/MIL	AECC-2	Communicative English	7	2	14	2018			
III	BOTANY	CC-5	Plant Ecology and Phytogeography	7	6	42	2018	8.33	7.15	Q
		CC-6	Plant Systematics	9	6	54	2018			
		CC-7	Economic Botany	9	6	54	2018			
	PHYSIOLOGY	GE-3	Respiratory and Cardiovascular Physiology	4	6	24	2018			
	BOTANY	SEC-1	Agricultural Botany	6	2	12	2018			
IV	BOTANY	CC-8	Palaeobotany & Palynology	9	6	54	2019	8.33	7.69	Q
		CC-9	Biomolecules and Cell Biology	8	6	48	2019			
		CC-10	Molecular Biology	8	6	48	2019			
	PHYSIOLOGY	GE-4	Endocrinology, Renal Physiology, Skin and Body Temperature Regulation	6	6	36	2019			
	BOTANY	SEC-2	Biofertilizers	7	2	14	2019			
V	BOTANY	CC-11	Plant Physiology	8	6	48	2019	7.75	7.75	Q
		CC-12	Plant Metabolism	8	6	48	2019			
	BOTANY	DSE-1	Reproductive Biology of Angiosperms	8	6	48	2019			
		DSE-2	Bioinformatics	7	6	42	2019			
VI	BOTANY	CC-13	Genetics & Plant Breeding	8	6	48	2020	8.25	8.25	Q
		CC-14	Plant Biotechnology	9	6	54	2020			
	BOTANY	DSE-3	Plant Evolution & Biodiversity	8	6	48	2020			
		DSE-4	Industrial and Environmental Microbiology	8	6	48	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.89							Letter Grade in CGPA : A		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.44										

Date of Publication of Result : 29.10.2020

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

$$CGPA = \frac{\sum_{i=1}^N (G_i \times V_i)}{\sum_{i=1}^N V_i}$$

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or All semesters not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage of Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



THE UNIVERSITY OF BURDWAN
B.Sc. 3 YEAR DEGREE HONOURS FINAL EXAMINATION 2020 UNDER CBCS
GRADE CARD

Name: NURSELINA ISLAM

Honours: MATHEMATICS

Roll No. 170331000074

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	4	6	24	2018	4.50	5.18	Q
		CC-2	Algebra	5	6	30	2018			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	6	6	36	2018			
		AECC-1	Fundamentals of Environmental Studies	6	4	24	2018			
II	MATHEMATICS	CC-3	Real Analysis	NC	6	NC		5.33	5.77	Q
		CC-4	Differential Equations and Vector Calculus	NC	6	NC				
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	7	6	42	2018			
		AECC-2	Bengali	9	2	18	2018			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	5	6	30	2018	4.75	4.75	Q
		CC-6	Group Theory I	NA	6	NA				
		CC-7	Numerical Methods	6	6	36	2018			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	5	6	30	2018			
		SEC-1	Logic and Sets	8	2	16	2018			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	7	6	42	2019	10.00	10.00	Q
		CC-9	Multivariate Calculus	4	6	24	2019			
		CC-10	Ring Theory and Linear Algebra I	5	6	30	2019			
	PHYSICS	GE-4	Waves and Optics	6	6	36	2019			
		SEC-2	Graph Theory	9	2	18	2019			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	5	6	30	2019	10.00	10.00	Q
		CC-12	Mechanics I	5	6	30	2019			
	MATHEMATICS	DSE-1	Linear Programming	4	6	24	2019			
		DSE-2	Probability & Statistics	5	6	30	2019			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2020	10.00	10.00	Q
		CC-14	Ring Theory and Linear Algebra II	10	6	60	2020			
	MATHEMATICS	DSE-3	Project Work	10	6	60	2020			
		DSE-4	Mechanics II	10	6	60	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs :							Letter Grade in CGPA :		Result : PNC	
CGPA (Cumulative Grade Point Average) on the basis of All Courses :										

Date of Publication of Result : 29.10.2020

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

$$CGPA = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

Anindya Jyoti Pal
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or All semesters not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage of Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



THE UNIVERSITY OF BURDWAN
B.Sc. 3 YEAR DEGREE HONOURS FINAL EXAMINATION 2020 UNDER CBCS
GRADE CARD

Name: PARAMITA MONDAL

Honours: PHYSIOLOGY

Roll No. 170331000075

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	PHYSIOLOGY	CC-1	Cellular Basis of Physiology	7	6	42	2017	7.00	6.45	Q
		CC-2	Biological Physics and Enzymes	7	6	42	2017			
	BOTANY	GE-1	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	5	6	30	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
II	PHYSIOLOGY	CC-3	Physiology of Nerve and Muscle Cells	9	6	54	2018	8.00	7.40	Q
		CC-4	Chemistry of Biomolecules	7	6	42	2018			
	BOTANY	GE-2	Plant Ecology and Taxonomy	6	6	36	2018			
	Communicative English/MIL	AECC-2	Communicative English	8	2	16	2018			
III	PHYSIOLOGY	CC-5	Circulating Body Fluids	8	6	48	2018	8.00	7.77	Q
		CC-6	Circulation	8	6	48	2018			
		CC-7	Functions of The Nervous System	8	6	48	2018			
	ZOOLOGY	GE-3	Physiology and Biochemistry	7	6	42	2018			
	PHYSIOLOGY	SEC-1	Detection of Food Additives/Adulterants	8	2	16	2018			
IV	PHYSIOLOGY	CC-8	Energy Balance, Metabolism and Nutrition	8	6	48	2019	8.67	8.77	Q
		CC-9	Gastrointestinal Function	9	6	54	2019			
		CC-10	Respiration	9	6	54	2019			
	ZOOLOGY	GE-4	Genetics and Evolutionary Biology	9	6	54	2019			
	PHYSIOLOGY	SEC-2	Hematological Techniques	9	2	18	2019			
V	PHYSIOLOGY	CC-11	Special Senses	9	6	54	2019	9.75	9.75	Q
		CC-12	Endocrinology	10	6	60	2019			
	PHYSIOLOGY	DSE-1	Biological Statistics	10	6	60	2019			
		DSE-2	Sports and Exercise Physiology	10	6	60	2019			
VI	PHYSIOLOGY	CC-13	Reproduction	9	6	54	2020	9.25	9.25	Q
		CC-14	Formation and Excretion of Urine	9	6	54	2020			
	PHYSIOLOGY	DSE-3	Human Nutrition and Dietetics	9	6	54	2020			
		DSE-4	Toxicology	10	6	60	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.67							Letter Grade in CGPA : A+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.28										

Date of Publication of Result : 29.10.2020

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

$$CGPA = \frac{\sum_{i=1}^N (G_i \times V_i)}{\sum_{i=1}^N V_i}$$

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or All semesters not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage of Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



THE UNIVERSITY OF BURDWAN
B.Sc. 3 YEAR DEGREE HONOURS FINAL EXAMINATION 2020 UNDER CBCS
GRADE CARD

Name: PIJUSH DAS

Honours: MATHEMATICS

Roll No. 170331000076

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	7	6	42	2017	7.00	6.55	Q
		CC-2	Algebra	7	6	42	2017			
	PHYSICS	GE-1	Mechanics	6	6	36	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017			
II	MATHEMATICS	CC-3	Real Analysis	9	6	54	2018	7.50	7.50	Q
		CC-4	Differential Equations and Vector Calculus	6	6	36	2018			
	PHYSICS	GE-2	Electricity and Magnetism	7	6	42	2018			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	7	6	42	2018	7.00	7.38	Q
		CC-6	Group Theory I	6	6	36	2018			
		CC-7	Numerical Methods	8	6	48	2018			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	8	6	48	2018			
	MATHEMATICS	SEC-1	Logic and Sets	9	2	18	2018			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	10	6	60	2019	8.00	7.92	Q
		CC-9	Multivariate Calculus	7	6	42	2019			
		CC-10	Ring Theory and Linear Algebra I	7	6	42	2019			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2019			
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2019			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	10	6	60	2019	7.00	7.00	Q
		CC-12	Mechanics I	6	6	36	2019			
	MATHEMATICS	DSE-1	Linear Programming	6	6	36	2019			
		DSE-2	Probability & Statistics	6	6	36	2019			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2020	10.00	10.00	Q
		CC-14	Ring Theory and Linear Algebra II	10	6	60	2020			
	MATHEMATICS	DSE-3	Project Work	10	6	60	2020			
		DSE-4	Mechanics II	10	6	60	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.89							Letter Grade in CGPA : A		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.75										

Date of Publication of Result : 29.10.2020

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

$$CGPA = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or All semesters not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage of Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



THE UNIVERSITY OF BURDWAN
B.Sc. 3 YEAR DEGREE HONOURS FINAL EXAMINATION 2020 UNDER CBCS
GRADE CARD

Name: PRALAY RUJ

Honours: MATHEMATICS

Roll No. 170331000078

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	9	6	54	2017	8.00	7.27	Q
		CC-2	Algebra	7	6	42	2017			
	PHYSICS	GE-1	Mechanics	6	6	36	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
II	MATHEMATICS	CC-3	Real Analysis	9	6	54	2018	9.00	8.40	Q
		CC-4	Differential Equations and Vector Calculus	9	6	54	2018			
	PHYSICS	GE-2	Electricity and Magnetism	7	6	42	2018			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	8	6	48	2018	8.00	7.85	Q
		CC-6	Group Theory I	7	6	42	2018			
		CC-7	Numerical Methods	9	6	54	2018			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	7	6	42	2018			
	MATHEMATICS	SEC-1	Logic and Sets	9	2	18	2018			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	8	6	48	2019	6.67	7.00	Q
		CC-9	Multivariate Calculus	6	6	36	2019			
		CC-10	Ring Theory and Linear Algebra I	6	6	36	2019			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2019			
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2019			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	10	6	60	2019	7.00	7.00	Q
		CC-12	Mechanics I	5	6	30	2019			
	MATHEMATICS	DSE-1	Linear Programming	6	6	36	2019			
		DSE-2	Probability & Statistics	7	6	42	2019			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	9	6	54	2020	9.75	9.75	Q
		CC-14	Ring Theory and Linear Algebra II	10	6	60	2020			
	MATHEMATICS	DSE-3	Project Work	10	6	60	2020			
		DSE-4	Mechanics II	10	6	60	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.06							Letter Grade in CGPA : A+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.86										

Date of Publication of Result : 29.10.2020

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

$$CGPA = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or All semesters not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage of Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



THE UNIVERSITY OF BURDWAN
B.Sc. 3 YEAR DEGREE HONOURS FINAL EXAMINATION 2020 UNDER CBCS
GRADE CARD

Name: PRANATI SHARMA

Honours: BOTANY

Roll No. 170331000079

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	BOTANY	CC-1	Microbiology and Phycology	5	6	30	2017	6.00	6.45	Q
		CC-2	Archegoniatae	7	6	42	2017			
	ZOOLOGY	GE-1	Animal Diversity	7	6	42	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
II	BOTANY	CC-3	Mycology and Phytopathology	5	6	30	2018	5.50	5.30	Q
		CC-4	Morphology and Anatomy of Angiosperms	6	6	36	2018			
	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	4	6	24	2018			
	Communicative English/MIL	AECC-2	Communicative English	8	2	16	2018			
III	BOTANY	CC-5	Plant Ecology and Phytogeography	6	6	36	2018	7.67	7.15	Q
		CC-6	Plant Systematics	9	6	54	2018			
		CC-7	Economic Botany	8	6	48	2018			
	PHYSIOLOGY	GE-3	Respiratory and Cardiovascular Physiology	6	6	36	2018			
	BOTANY	SEC-1	Agricultural Botany	6	2	12	2018			
IV	BOTANY	CC-8	Palaeobotany & Palynology	9	6	54	2019	8.33	8.00	Q
		CC-9	Biomolecules and Cell Biology	8	6	48	2019			
		CC-10	Molecular Biology	8	6	48	2019			
	PHYSIOLOGY	GE-4	Endocrinology, Renal Physiology, Skin and Body Temperature Regulation	7	6	42	2019			
	BOTANY	SEC-2	Biofertilizers	8	2	16	2019			
V	BOTANY	CC-11	Plant Physiology	7	6	42	2019	7.50	7.50	Q
		CC-12	Plant Metabolism	8	6	48	2019			
	BOTANY	DSE-1	Reproductive Biology of Angiosperms	8	6	48	2019			
		DSE-2	Bioinformatics	7	6	42	2019			
VI	BOTANY	CC-13	Genetics & Plant Breeding	8	6	48	2020	8.25	8.25	Q
		CC-14	Plant Biotechnology	9	6	54	2020			
	BOTANY	DSE-3	Plant Evolution & Biodiversity	8	6	48	2020			
		DSE-4	Industrial and Environmental Microbiology	8	6	48	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.44							Letter Grade in CGPA : A		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.18										

Date of Publication of Result : 29.10.2020

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

$$CGPA = \frac{\sum_{i=1}^N (G_i \times V_i)}{\sum_{i=1}^N V_i}$$

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or All semesters not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage of Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



THE UNIVERSITY OF BURDWAN
B.Sc. 3 YEAR DEGREE HONOURS FINAL EXAMINATION 2020 UNDER CBCS
GRADE CARD

Name: PRATYAY MONDAL

Honours: MATHEMATICS

Roll No. 170331000080

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	9	6	54	2017	8.50	8.36	Q
		CC-2	Algebra	8	6	48	2017			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	9	6	54	2017			
		AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
II	MATHEMATICS	CC-3	Real Analysis	9	6	54	2018	9.00	8.50	Q
		CC-4	Differential Equations and Vector Calculus	9	6	54	2018			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	8	6	48	2018			
		AECC-2	Communicative English	7	2	14	2018			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	9	6	54	2018	9.33	9.08	Q
		CC-6	Group Theory I	10	6	60	2018			
		CC-7	Numerical Methods	9	6	54	2018			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	8	6	48	2018			
	MATHEMATICS	SEC-1	Logic and Sets	10	2	20	2018			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	9	6	54	2019	9.00	8.85	Q
		CC-9	Multivariate Calculus	8	6	48	2019			
		CC-10	Ring Theory and Linear Algebra I	10	6	60	2019			
	PHYSICS	GE-4	Waves and Optics	8	6	48	2019			
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2019			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	10	6	60	2019	9.25	9.25	Q
		CC-12	Mechanics I	7	6	42	2019			
	MATHEMATICS	DSE-1	Linear Programming	10	6	60	2019			
		DSE-2	Probability & Statistics	10	6	60	2019			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2020	10.00	10.00	Q
		CC-14	Ring Theory and Linear Algebra II	10	6	60	2020			
	MATHEMATICS	DSE-3	Project Work	10	6	60	2020			
		DSE-4	Mechanics II	10	6	60	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 9.28							Letter Grade in CGPA : O	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 9.03										

Date of Publication of Result : 29.10.2020

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

$$CGPA = \frac{\sum_{i=1}^N (G_i \times V_i)}{\sum_{i=1}^N V_i}$$

Anindya Jyoti Pal
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or All semesters not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage of Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



THE UNIVERSITY OF BURDWAN
B.Sc. 3 YEAR DEGREE HONOURS FINAL EXAMINATION 2020 UNDER CBCS
GRADE CARD

Name: PRITAM DAS

Honours: ZOOLOGY

Roll No. 170331000081

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	ZOOLOGY	CC-1	Non-chordates I	6	6	36	2017	6.50	6.45	Q
		CC-2	Ecology	7	6	42	2017			
	BOTANY	GE-1	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	6	6	36	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
II	ZOOLOGY	CC-3	Non-chordates II	8	6	48	2018	7.50	7.00	Q
		CC-4	Cell Biology	7	6	42	2018			
	BOTANY	GE-2	Plant Ecology and Taxonomy	6	6	36	2018			
	Communicative English/MIL	AECC-2	Communicative English	7	2	14	2018			
III	ZOOLOGY	CC-5	Chordates	5	6	30	2018	6.33	6.46	Q
		CC-6	Animal Physiology: Controlling and Coordinating Systems	7	6	42	2018			
		CC-7	Fundamentals of Biochemistry	7	6	42	2018			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	7	6	42	2018			
	ZOOLOGY	SEC-1	Apiculture	6	2	12	2018			
IV	ZOOLOGY	CC-8	Comparative Anatomy of Vertebrates	6	6	36	2019	6.67	6.69	Q
		CC-9	Animal Physiology: Life Sustaining Systems	7	6	42	2019			
		CC-10	Immunology	7	6	42	2019			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2019			
	ZOOLOGY	SEC-2	Aquarium Fish Keeping	6	2	12	2019			
V	ZOOLOGY	CC-11	Molecular Biology	8	6	48	2019	7.25	7.25	Q
		CC-12	Genetics	6	6	36	2019			
	ZOOLOGY	DSE-1	Animal Biotechnology	7	6	42	2019			
		DSE-2	Parasitology	8	6	48	2019			
VI	ZOOLOGY	CC-13	Developmental Biology	9	6	54	2020	8.50	8.50	Q
		CC-14	Evolutionary Biology	8	6	48	2020			
	ZOOLOGY	DSE-3	Animal Behaviour	8	6	48	2020			
		DSE-4	Endocrinology	9	6	54	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.22							Letter Grade in CGPA : A		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.06										

Date of Publication of Result : 29.10.2020

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

$$CGPA = \frac{\sum_{i=1}^N (G_i \times V_i)}{\sum_{i=1}^N V_i}$$

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or All semesters not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage of Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



THE UNIVERSITY OF BURDWAN
B.Sc. 3 YEAR DEGREE HONOURS FINAL EXAMINATION 2020 UNDER CBCS
GRADE CARD

Name: PUJA KABIRAJ

Honours: MATHEMATICS

Roll No. 170331000082

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	9	6	54	2017	8.00	8.27	Q
		CC-2	Algebra	7	6	42	2017			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	9	6	54	2017			
		AECC-1	Fundamentals of Environmental Studies	8	4	32	2017			
II	MATHEMATICS	CC-3	Real Analysis	9	6	54	2018	9.50	9.10	Q
		CC-4	Differential Equations and Vector Calculus	10	6	60	2018			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	8	6	48	2018			
		AECC-2	Bengali	10	2	20	2018			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	7	6	42	2018	8.00	7.92	Q
		CC-6	Group Theory I	8	6	48	2018			
		CC-7	Numerical Methods	9	6	54	2018			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	7	6	42	2018			
	MATHEMATICS	SEC-1	Logic and Sets	10	2	20	2018			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	10	6	60	2019	9.00	8.85	Q
		CC-9	Multivariate Calculus	8	6	48	2019			
		CC-10	Ring Theory and Linear Algebra I	9	6	54	2019			
	PHYSICS	GE-4	Waves and Optics	8	6	48	2019			
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2019			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	10	6	60	2019	8.50	8.50	Q
		CC-12	Mechanics I	6	6	36	2019			
	MATHEMATICS	DSE-1	Linear Programming	9	6	54	2019			
		DSE-2	Probability & Statistics	9	6	54	2019			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2020	10.00	10.00	Q
		CC-14	Ring Theory and Linear Algebra II	10	6	60	2020			
	MATHEMATICS	DSE-3	Project Work	10	6	60	2020			
		DSE-4	Mechanics II	10	6	60	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.89							Letter Grade in CGPA : A+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.76										

Date of Publication of Result : 29.10.2020

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

$$CGPA = \frac{\sum_{i=1}^N (G_i \times V_i)}{\sum_{i=1}^N V_i}$$

Anindya Jyoti Pal
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or All semesters not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage of Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



THE UNIVERSITY OF BURDWAN
B.Sc. 3 YEAR DEGREE HONOURS FINAL EXAMINATION 2020 UNDER CBCS
GRADE CARD

Name: PUNAM CHOUDHURY

Honours: ZOOLOGY

Roll No. 170331000083

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	ZOOLOGY	CC-1	Non-chordates I	5	6	30	2017	5.50	6.00	Q
		CC-2	Ecology	6	6	36	2017			
	PHYSIOLOGY	GE-1	Cellular Physiology, Biophysics, Biochemistry of Biomolecules	7	6	42	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017			
II	ZOOLOGY	CC-3	Non-chordates II	6	6	36	2018	5.00	6.40	Q
		CC-4	Cell Biology	4	6	24	2018			
	PHYSIOLOGY	GE-2	Digestion and Metabolism	8	6	48	2018			
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2018			
III	ZOOLOGY	CC-5	Chordates	6	6	36	2018	6.67	6.62	Q
		CC-6	Animal Physiology: Controlling and Coordinating Systems	6	6	36	2018			
		CC-7	Fundamentals of Biochemistry	8	6	48	2018			
	BOTANY	GE-3	Plant Anatomy and Embryology	7	6	42	2018			
	ZOOLOGY	SEC-1	Apiculture	5	2	10	2018			
IV	ZOOLOGY	CC-8	Comparative Anatomy of Vertebrates	6	6	36	2019	6.00	6.31	Q
		CC-9	Animal Physiology: Life Sustaining Systems	6	6	36	2019			
		CC-10	Immunology	6	6	36	2019			
	BOTANY	GE-4	Plant Physiology and Metabolism	7	6	42	2019			
	ZOOLOGY	SEC-2	Aquarium Fish Keeping	7	2	14	2019			
V	ZOOLOGY	CC-11	Molecular Biology	6	6	36	2019	6.25	6.25	Q
		CC-12	Genetics	6	6	36	2019			
	ZOOLOGY	DSE-1	Animal Biotechnology	6	6	36	2019			
		DSE-2	Parasitology	7	6	42	2019			
VI	ZOOLOGY	CC-13	Developmental Biology	7	6	42	2020	7.75	7.75	Q
		CC-14	Evolutionary Biology	8	6	48	2020			
	ZOOLOGY	DSE-3	Animal Behaviour	7	6	42	2020			
		DSE-4	Endocrinology	9	6	54	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 6.39							Letter Grade in CGPA : B+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 6.56										

Date of Publication of Result : 29.10.2020

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

$$CGPA = \frac{\sum_{i=1}^N (G_i \times V_i)}{\sum_{i=1}^N V_i}$$

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or All semesters not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage of Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



THE UNIVERSITY OF BURDWAN
B.Sc. 3 YEAR DEGREE HONOURS FINAL EXAMINATION 2020 UNDER CBCS
GRADE CARD

Name: PURNIMA MANDAL

Honours: BOTANY

Roll No. 170331000084

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	BOTANY	CC-1	Microbiology and Phycology	7	6	42	2017	7.50	6.91	Q
		CC-2	Archegoniatae	8	6	48	2017			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	7	6	42	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	5	4	20	2017			
II	BOTANY	CC-3	Mycology and Phytopathology	7	6	42	2018	7.50	7.60	Q
		CC-4	Morphology and Anatomy of Angiosperms	8	6	48	2018			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	7	6	42	2018			
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2018			
III	BOTANY	CC-5	Plant Ecology and Phytogeography	7	6	42	2018	8.00	7.85	Q
		CC-6	Plant Systematics	8	6	48	2018			
		CC-7	Economic Botany	9	6	54	2018			
	ZOOLOGY	GE-3	Physiology and Biochemistry	8	6	48	2018			
	BOTANY	SEC-1	Agricultural Botany	6	2	12	2018			
IV	BOTANY	CC-8	Palaeobotany & Palynology	9	6	54	2019	8.33	8.23	Q
		CC-9	Biomolecules and Cell Biology	8	6	48	2019			
		CC-10	Molecular Biology	8	6	48	2019			
	ZOOLOGY	GE-4	Genetics and Evolutionary Biology	8	6	48	2019			
	BOTANY	SEC-2	Biofertilizers	8	2	16	2019			
V	BOTANY	CC-11	Plant Physiology	7	6	42	2019	7.75	7.75	Q
		CC-12	Plant Metabolism	8	6	48	2019			
	BOTANY	DSE-1	Reproductive Biology of Angiosperms	9	6	54	2019			
		DSE-2	Bioinformatics	7	6	42	2019			
VI	BOTANY	CC-13	Genetics & Plant Breeding	8	6	48	2020	8.00	8.00	Q
		CC-14	Plant Biotechnology	8	6	48	2020			
	BOTANY	DSE-3	Plant Evolution & Biodiversity	8	6	48	2020			
		DSE-4	Industrial and Environmental Microbiology	8	6	48	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.89							Letter Grade in CGPA : A		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.75										

Date of Publication of Result : 29.10.2020

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

$$CGPA = \frac{\sum_{i=1}^N (G_i \times V_i)}{\sum_{i=1}^N V_i}$$

Avinnya Zyoti Pal
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or All semesters not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage of Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



THE UNIVERSITY OF BURDWAN
B.Sc. 3 YEAR DEGREE HONOURS FINAL EXAMINATION 2020 UNDER CBCS
GRADE CARD

Name: RAHUL DAS

Honours: BOTANY

Roll No. 170331000085

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	BOTANY	CC-1	Microbiology and Phycology	6	6	36	2017	6.50	6.91	Q
		CC-2	Archegoniatae	7	6	42	2017			
	PHYSIOLOGY	GE-1	Cellular Physiology, Biophysics, Biochemistry of Biomolecules	7	6	42	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2017			
II	BOTANY	CC-3	Mycology and Phytopathology	6	6	36	2018	6.50	7.30	Q
		CC-4	Morphology and Anatomy of Angiosperms	7	6	42	2018			
	PHYSIOLOGY	GE-2	Digestion and Metabolism	8	6	48	2018			
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2018			
III	BOTANY	CC-5	Plant Ecology and Phytogeography	7	6	42	2018	8.00	7.31	Q
		CC-6	Plant Systematics	9	6	54	2018			
		CC-7	Economic Botany	8	6	48	2018			
	ZOOLOGY	GE-3	Physiology and Biochemistry	6	6	36	2018			
	BOTANY	SEC-1	Agricultural Botany	5	2	10	2018			
IV	BOTANY	CC-8	Palaeobotany & Palynology	9	6	54	2019	7.67	8.00	Q
		CC-9	Biomolecules and Cell Biology	7	6	42	2019			
		CC-10	Molecular Biology	7	6	42	2019			
	ZOOLOGY	GE-4	Genetics and Evolutionary Biology	9	6	54	2019			
	BOTANY	SEC-2	Biofertilizers	8	2	16	2019			
V	BOTANY	CC-11	Plant Physiology	8	6	48	2019	7.75	7.75	Q
		CC-12	Plant Metabolism	8	6	48	2019			
	BOTANY	DSE-1	Reproductive Biology of Angiosperms	8	6	48	2019			
		DSE-2	Bioinformatics	7	6	42	2019			
VI	BOTANY	CC-13	Genetics & Plant Breeding	9	6	54	2020	8.50	8.50	Q
		CC-14	Plant Biotechnology	9	6	54	2020			
	BOTANY	DSE-3	Plant Evolution & Biodiversity	8	6	48	2020			
		DSE-4	Industrial and Environmental Microbiology	8	6	48	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.67							Letter Grade in CGPA : A	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.65										

Date of Publication of Result : 29.10.2020

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

$$CGPA = \frac{\sum_{i=1}^N (G_i \times V_i)}{\sum_{i=1}^N V_i}$$

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or All semesters not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage of Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



THE UNIVERSITY OF BURDWAN
B.Sc. 3 YEAR DEGREE HONOURS FINAL EXAMINATION 2020 UNDER CBCS
GRADE CARD

Name: RAJESWARI PANJA

Honours: MATHEMATICS

Roll No. 170331000086

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	7	6	42	2017	7.00	6.73	Q
		CC-2	Algebra	7	6	42	2017			
	PHYSICS	GE-1	Mechanics	6	6	36	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
II	MATHEMATICS	CC-3	Real Analysis	7	6	42	2018	7.00	7.60	Q
		CC-4	Differential Equations and Vector Calculus	7	6	42	2018			
	PHYSICS	GE-2	Electricity and Magnetism	8	6	48	2018			
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2018			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	7	6	42	2018	7.67	7.77	Q
		CC-6	Group Theory I	7	6	42	2018			
		CC-7	Numerical Methods	9	6	54	2018			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	8	6	48	2018			
	MATHEMATICS	SEC-1	Logic and Sets	8	2	16	2018			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	9	6	54	2019	7.67	8.15	Q
		CC-9	Multivariate Calculus	6	6	36	2019			
		CC-10	Ring Theory and Linear Algebra I	8	6	48	2019			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	9	6	54	2019			
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2019			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	9	6	54	2019	7.50	7.50	Q
		CC-12	Mechanics I	7	6	42	2019			
	MATHEMATICS	DSE-1	Linear Programming	6	6	36	2019			
		DSE-2	Probability & Statistics	8	6	48	2019			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2020	10.00	10.00	Q
		CC-14	Ring Theory and Linear Algebra II	10	6	60	2020			
	MATHEMATICS	DSE-3	Project Work	10	6	60	2020			
		DSE-4	Mechanics II	10	6	60	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.00							Letter Grade in CGPA : A+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.99										

Date of Publication of Result : 29.10.2020

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

$$CGPA = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or All semesters not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			

Grade Point Norms:

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage of Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



THE UNIVERSITY OF BURDWAN
B.Sc. 3 YEAR DEGREE HONOURS FINAL EXAMINATION 2020 UNDER CBCS
GRADE CARD

Name: RAKESH DHAR

Honours: MATHEMATICS

Roll No. 170331000087

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	7	6	42	2017	7.00	6.45	Q
		CC-2	Algebra	7	6	42	2017			
	PHYSICS	GE-1	Mechanics	5	6	30	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
II	MATHEMATICS	CC-3	Real Analysis	7	6	42	2018	6.50	6.60	Q
		CC-4	Differential Equations and Vector Calculus	6	6	36	2018			
	PHYSICS	GE-2	Electricity and Magnetism	6	6	36	2018			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	6	6	36	2018	6.67	6.85	Q
		CC-6	Group Theory I	6	6	36	2018			
		CC-7	Numerical Methods	8	6	48	2018			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	7	6	42	2018			
	MATHEMATICS	SEC-1	Logic and Sets	8	2	16	2018			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	5	6	30	2019	5.00	5.85	Q
		CC-9	Multivariate Calculus	5	6	30	2019			
		CC-10	Ring Theory and Linear Algebra I	5	6	30	2019			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2019			
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2019			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	7	6	42	2019	5.00	5.00	Q
		CC-12	Mechanics I	4	6	24	2019			
	MATHEMATICS	DSE-1	Linear Programming	4	6	24	2019			
		DSE-2	Probability & Statistics	5	6	30	2019			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2020	10.00	10.00	Q
		CC-14	Ring Theory and Linear Algebra II	10	6	60	2020			
	MATHEMATICS	DSE-3	Project Work	10	6	60	2020			
		DSE-4	Mechanics II	10	6	60	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 6.78							Letter Grade in CGPA : B+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 6.79										

Date of Publication of Result : 29.10.2020

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

$$CGPA = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

Anindya Jyoti Pal
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or All semesters not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage of Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



THE UNIVERSITY OF BURDWAN
B.Sc. 3 YEAR DEGREE HONOURS FINAL EXAMINATION 2020 UNDER CBCS
GRADE CARD

Name: RIMPA GARAIN

Honours: MATHEMATICS

Roll No. 170331000088

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	5	6	30	2017	5.00	5.18	Q
		CC-2	Algebra	5	6	30	2017			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	5	6	30	2017			
		ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24			
II	MATHEMATICS	CC-3	Real Analysis	6	6	36	2018	5.00	5.70	Q
		CC-4	Differential Equations and Vector Calculus	4	6	24	2018			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	6	6	36	2018			
		Communicative English/MIL	AECC-2	Bengali	9	2	18			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	6	6	36	2018	5.33	5.46	Q
		CC-6	Group Theory I	4	6	24	2018			
		CC-7	Numerical Methods	6	6	36	2018			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	5	6	30	2018			
	MATHEMATICS	SEC-1	Logic and Sets	8	2	16	2018			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	8	6	48	2019	6.67	7.00	Q
		CC-9	Multivariate Calculus	6	6	36	2019			
		CC-10	Ring Theory and Linear Algebra I	6	6	36	2019			
	PHYSICS	GE-4	Waves and Optics	7	6	42	2019			
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2019			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	9	6	54	2019	5.75	5.75	Q
		CC-12	Mechanics I	5	6	30	2019			
	MATHEMATICS	DSE-1	Linear Programming	4	6	24	2019			
		DSE-2	Probability & Statistics	5	6	30	2019			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	9	6	54	2020	9.75	9.75	Q
		CC-14	Ring Theory and Linear Algebra II	10	6	60	2020			
	MATHEMATICS	DSE-3	Project Work	10	6	60	2020			
		DSE-4	Mechanics II	10	6	60	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 6.56							Letter Grade in CGPA : B+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 6.51										

Date of Publication of Result : 29.10.2020

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

$$CGPA = \frac{\sum_{i=1}^N (G_i \times V_i)}{\sum_{i=1}^N V_i}$$

Anindya Jyoti Pal
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or All semesters not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage of Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



THE UNIVERSITY OF BURDWAN
B.Sc. 3 YEAR DEGREE HONOURS FINAL EXAMINATION 2020 UNDER CBCS
GRADE CARD

Name: **RIPAN MONDAL**Honours: **MATHEMATICS**Roll No. **170331000089**

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	5	6	30	2017	5.50	5.73	Q
		CC-2	Algebra	6	6	36	2017			
	PHYSICS	GE-1	Mechanics	6	6	36	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017			
II	MATHEMATICS	CC-3	Real Analysis	6	6	36	2018	5.50	6.30	Q
		CC-4	Differential Equations and Vector Calculus	5	6	30	2018			
	PHYSICS	GE-2	Electricity and Magnetism	7	6	42	2018			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	6	6	36	2018	7.00	7.08	Q
		CC-6	Group Theory I	8	6	48	2018			
		CC-7	Numerical Methods	7	6	42	2018			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	7	6	42	2018			
	MATHEMATICS	SEC-1	Logic and Sets	8	2	16	2018			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	7	6	42	2019	7.00	7.23	Q
		CC-9	Multivariate Calculus	6	6	36	2019			
		CC-10	Ring Theory and Linear Algebra I	8	6	48	2019			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2019			
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2019			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	8	6	48	2019	6.75	6.75	Q
		CC-12	Mechanics I	6	6	36	2019			
	MATHEMATICS	DSE-1	Linear Programming	7	6	42	2019			
		DSE-2	Probability & Statistics	6	6	36	2019			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	9	6	54	2020	9.75	9.75	Q
		CC-14	Ring Theory and Linear Algebra II	10	6	60	2020			
	MATHEMATICS	DSE-3	Project Work	10	6	60	2020			
		DSE-4	Mechanics II	10	6	60	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.22							Letter Grade in CGPA : A		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.18										

Date of Publication of Result : 29.10.2020

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

$$CGPA = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or All semesters not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage of Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



THE UNIVERSITY OF BURDWAN
B.Sc. 3 YEAR DEGREE HONOURS FINAL EXAMINATION 2020 UNDER CBCS
GRADE CARD

Name: RUBINA KHATUN

Honours: BOTANY

Roll No. 170331000090

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	BOTANY	CC-1	Microbiology and Phycology	5	6	30	2017	6.00	6.45	Q
		CC-2	Archegoniatae	7	6	42	2017			
	ZOOLOGY	GE-1	Animal Diversity	7	6	42	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
II	BOTANY	CC-3	Mycology and Phytopathology	5	6	30	2018	5.50	5.70	Q
		CC-4	Morphology and Anatomy of Angiosperms	6	6	36	2018			
	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	5	6	30	2018			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
III	BOTANY	CC-5	Plant Ecology and Phytogeography	7	6	42	2018	7.33	6.62	Q
		CC-6	Plant Systematics	8	6	48	2018			
		CC-7	Economic Botany	7	6	42	2018			
	PHYSIOLOGY	GE-3	Respiratory and Cardiovascular Physiology	5	6	30	2018			
	BOTANY	SEC-1	Agricultural Botany	5	2	10	2018			
IV	BOTANY	CC-8	Palaeobotany & Palynology	8	6	48	2019	7.00	6.85	Q
		CC-9	Biomolecules and Cell Biology	7	6	42	2019			
		CC-10	Molecular Biology	6	6	36	2019			
	PHYSIOLOGY	GE-4	Endocrinology, Renal Physiology, Skin and Body Temperature Regulation	6	6	36	2019			
	BOTANY	SEC-2	Biofertilizers	8	2	16	2019			
V	BOTANY	CC-11	Plant Physiology	7	6	42	2019	7.75	7.75	Q
		CC-12	Plant Metabolism	8	6	48	2019			
	BOTANY	DSE-1	Reproductive Biology of Angiosperms	8	6	48	2019			
		DSE-2	Bioinformatics	8	6	48	2019			
VI	BOTANY	CC-13	Genetics & Plant Breeding	8	6	48	2020	8.00	8.00	Q
		CC-14	Plant Biotechnology	8	6	48	2020			
	BOTANY	DSE-3	Plant Evolution & Biodiversity	8	6	48	2020			
		DSE-4	Industrial and Environmental Microbiology	8	6	48	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.17							Letter Grade in CGPA : A	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 6.93										

Date of Publication of Result : 29.10.2020

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

$$CGPA = \frac{\sum_{i=1}^N (G_i \times V_i)}{\sum_{i=1}^N V_i}$$

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or All semesters not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage of Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



THE UNIVERSITY OF BURDWAN
B.Sc. 3 YEAR DEGREE HONOURS FINAL EXAMINATION 2020 UNDER CBCS
GRADE CARD

Name: RUBINA KHATUN

Honours: MATHEMATICS

Roll No. 170331000091

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	5	6	30	2017	4.50	5.18	Q
		CC-2	Algebra	4	6	24	2017			
	PHYSICS	GE-1	Mechanics	6	6	36	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017			
II	MATHEMATICS	CC-3	Real Analysis	7	6	42	2018	5.50	5.70	Q
		CC-4	Differential Equations and Vector Calculus	4	6	24	2018			
	PHYSICS	GE-2	Electricity and Magnetism	5	6	30	2018			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	5	6	30	2018	5.00	5.62	Q
		CC-6	Group Theory I	4	6	24	2018			
		CC-7	Numerical Methods	6	6	36	2018			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	6	6	36	2018			
	MATHEMATICS	SEC-1	Logic and Sets	10	2	20	2018			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	6	6	36	2019	5.00	5.85	Q
		CC-9	Multivariate Calculus	5	6	30	2019			
		CC-10	Ring Theory and Linear Algebra I	4	6	24	2019			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2019			
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2019			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	9	6	54	2019	9.75	9.75	Q
		CC-12	Mechanics I	5	6	30	2019			
	MATHEMATICS	DSE-1	Linear Programming	NA	6	NA				
		DSE-2	Probability & Statistics	5	6	30	2019			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	9	6	54	2020	9.75	9.75	Q
		CC-14	Ring Theory and Linear Algebra II	10	6	60	2020			
	MATHEMATICS	DSE-3	Project Work	10	6	60	2020			
		DSE-4	Mechanics II	10	6	60	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs :							Letter Grade in CGPA :		Result : PNC	
CGPA (Cumulative Grade Point Average) on the basis of All Courses :										

Date of Publication of Result : 29.10.2020

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

$$CGPA = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or All semesters not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage of Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



THE UNIVERSITY OF BURDWAN
B.Sc. 3 YEAR DEGREE HONOURS FINAL EXAMINATION 2020 UNDER CBCS
GRADE CARD

Name: SAGAR GHOSH

Honours: ZOOLOGY

Roll No. 170331000092

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	ZOOLOGY	CC-1	Non-chordates I	7	6	42	2017	7.50	7.27	Q
		CC-2	Ecology	8	6	48	2017			
	BOTANY	GE-1	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	7	6	42	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
II	ZOOLOGY	CC-3	Non-chordates II	9	6	54	2018	8.50	8.00	Q
		CC-4	Cell Biology	8	6	48	2018			
	BOTANY	GE-2	Plant Ecology and Taxonomy	7	6	42	2018			
	Communicative English/MIL	AECC-2	Communicative English	8	2	16	2018			
III	ZOOLOGY	CC-5	Chordates	7	6	42	2018	7.67	7.38	Q
		CC-6	Animal Physiology: Controlling and Coordinating Systems	8	6	48	2018			
		CC-7	Fundamentals of Biochemistry	8	6	48	2018			
	PHYSIOLOGY	GE-3	Respiratory and Cardiovascular Physiology	7	6	42	2018			
	ZOOLOGY	SEC-1	Apiculture	6	2	12	2018			
IV	ZOOLOGY	CC-8	Comparative Anatomy of Vertebrates	6	6	36	2019	6.67	7.08	Q
		CC-9	Animal Physiology: Life Sustaining Systems	7	6	42	2019			
		CC-10	Immunology	7	6	42	2019			
	PHYSIOLOGY	GE-4	Endocrinology, Renal Physiology, Skin and Body Temperature Regulation	8	6	48	2019			
	ZOOLOGY	SEC-2	Aquarium Fish Keeping	8	2	16	2019			
V	ZOOLOGY	CC-11	Molecular Biology	8	6	48	2019	8.50	8.50	Q
		CC-12	Genetics	8	6	48	2019			
	ZOOLOGY	DSE-1	Animal Biotechnology	9	6	54	2019			
		DSE-2	Parasitology	9	6	54	2019			
VI	ZOOLOGY	CC-13	Developmental Biology	9	6	54	2020	8.75	8.75	Q
		CC-14	Evolutionary Biology	8	6	48	2020			
	ZOOLOGY	DSE-3	Animal Behaviour	8	6	48	2020			
		DSE-4	Endocrinology	10	6	60	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.00							Letter Grade in CGPA : A+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.82										

Date of Publication of Result : 29.10.2020

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

$$CGPA = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

Anindya Zoti Pal
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or All semesters not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage of Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



THE UNIVERSITY OF BURDWAN
B.Sc. 3 YEAR DEGREE HONOURS FINAL EXAMINATION 2020 UNDER CBCS
GRADE CARD

Name: SAHABUDDIN KHAN

Honours: ZOOLOGY

Roll No. 170331000093

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	ZOOLOGY	CC-1	Non-chordates I	6	6	36	2017	6.50	6.45	Q
		CC-2	Ecology	7	6	42	2017			
	BOTANY	GE-1	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	6	6	36	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
II	ZOOLOGY	CC-3	Non-chordates II	6	6	36	2018	5.50	6.10	Q
		CC-4	Cell Biology	5	6	30	2018			
	BOTANY	GE-2	Plant Ecology and Taxonomy	6	6	36	2018			
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2018			
III	ZOOLOGY	CC-5	Chordates	7	6	42	2018	7.33	7.00	Q
		CC-6	Animal Physiology: Controlling and Coordinating Systems	8	6	48	2018			
		CC-7	Fundamentals of Biochemistry	7	6	42	2018			
	PHYSIOLOGY	GE-3	Respiratory and Cardiovascular Physiology	6	6	36	2018			
	ZOOLOGY	SEC-1	Apiculture	7	2	14	2018			
IV	ZOOLOGY	CC-8	Comparative Anatomy of Vertebrates	5	6	30	2019	6.00	6.38	Q
		CC-9	Animal Physiology: Life Sustaining Systems	6	6	36	2019			
		CC-10	Immunology	7	6	42	2019			
	PHYSIOLOGY	GE-4	Endocrinology, Renal Physiology, Skin and Body Temperature Regulation	7	6	42	2019			
	ZOOLOGY	SEC-2	Aquarium Fish Keeping	8	2	16	2019			
V	ZOOLOGY	CC-11	Molecular Biology	7	6	42	2019	7.25	7.25	Q
		CC-12	Genetics	7	6	42	2019			
	ZOOLOGY	DSE-1	Animal Biotechnology	7	6	42	2019			
		DSE-2	Parasitology	8	6	48	2019			
VI	ZOOLOGY	CC-13	Developmental Biology	8	6	48	2020	8.00	8.00	Q
		CC-14	Evolutionary Biology	8	6	48	2020			
	ZOOLOGY	DSE-3	Animal Behaviour	8	6	48	2020			
		DSE-4	Endocrinology	8	6	48	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 6.94							Letter Grade in CGPA : B+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 6.89										

Date of Publication of Result : 29.10.2020

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

$$CGPA = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

Anindya Zoti Pal
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or All semesters not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage of Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



THE UNIVERSITY OF BURDWAN
B.Sc. 3 YEAR DEGREE HONOURS FINAL EXAMINATION 2020 UNDER CBCS
GRADE CARD

Name: SAMBIT BHATTACHARYYA

Honours: CHEMISTRY

Roll No. 170331000094

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	CHEMISTRY	CC-1	Organic Chemistry-I	9	6	54	2017	8.50	7.73	Q
		CC-2	Physical Chemistry-I	8	6	48	2017			
	PHYSICS	GE-1	Mechanics	6	6	36	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2017			
II	CHEMISTRY	CC-3	Inorganic Chemistry-I	9	6	54	2018	8.50	8.50	Q
		CC-4	Organic Chemistry-II	8	6	48	2018			
	PHYSICS	GE-2	Electricity and Magnetism	8	6	48	2018			
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2018			
III	CHEMISTRY	CC-5	Physical Chemistry-II	8	6	48	2018	8.33	7.54	Q
		CC-6	Inorganic Chemistry-II	9	6	54	2018			
		CC-7	Organic Chemistry-III	8	6	48	2018			
	MATHEMATICS	GE-3	Real Analysis	5	6	30	2018			
	CHEMISTRY	SEC-1	Basic Analytical Chemistry	8	2	16	2018			
IV	CHEMISTRY	CC-8	Physical Chemistry-III	6	6	36	2019	7.00	7.54	Q
		CC-9	Inorganic Chemistry-III	7	6	42	2019			
		CC-10	Organic Chemistry - IV	8	6	48	2019			
	MATHEMATICS	GE-4	Algebra	9	6	54	2019			
	CHEMISTRY	SEC-2	Pharmaceutical Chemistry	8	2	16	2019			
V	CHEMISTRY	CC-11	Inorganic Chemistry-IV	7	6	42	2019	7.00	7.00	Q
		CC-12	Organic Chemistry-V	7	6	42	2019			
	CHEMISTRY	DSE-1	Advanced Physical Chemistry	7	6	42	2019			
		DSE-2	Analytical Methods in Chemistry	7	6	42	2019			
VI	CHEMISTRY	CC-13	Inorganic Chemistry-V	8	6	48	2020	9.00	9.00	Q
		CC-14	Physical Chemistry-IV	9	6	54	2020			
	CHEMISTRY	DSE-3	Green Chemistry	10	6	60	2020			
		DSE-4	Inorganic Materials of Industrial Importance	9	6	54	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.00							Letter Grade in CGPA : A+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.86										

Date of Publication of Result : 29.10.2020

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

$$CGPA = \frac{\sum_{i=1}^N (G_i \times V_i)}{\sum_{i=1}^N V_i}$$

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or All semesters not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			

Grade Point Norms:

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage of Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



THE UNIVERSITY OF BURDWAN
B.Sc. 3 YEAR DEGREE HONOURS FINAL EXAMINATION 2020 UNDER CBCS
GRADE CARD

Name: SANGITA SINGHA

Honours: ZOOLOGY

Roll No. 170331000095

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	ZOOLOGY	CC-1	Non-chordates I	5	6	30	2017	6.00	5.91	Q
		CC-2	Ecology	7	6	42	2017			
	BOTANY	GE-1	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	5	6	30	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
II	ZOOLOGY	CC-3	Non-chordates II	5	6	30	2018	5.00	5.80	Q
		CC-4	Cell Biology	5	6	30	2018			
	BOTANY	GE-2	Plant Ecology and Taxonomy	7	6	42	2018			
	Communicative English/MIL	AECC-2	Communicative English	7	2	14	2018			
III	ZOOLOGY	CC-5	Chordates	4	6	24	2018	5.67	6.00	Q
		CC-6	Animal Physiology: Controlling and Coordinating Systems	7	6	42	2018			
		CC-7	Fundamentals of Biochemistry	6	6	36	2018			
	PHYSIOLOGY	GE-3	Respiratory and Cardiovascular Physiology	7	6	42	2018			
	ZOOLOGY	SEC-1	Apiculture	6	2	12	2018			
IV	ZOOLOGY	CC-8	Comparative Anatomy of Vertebrates	5	6	30	2019	5.67	6.23	Q
		CC-9	Animal Physiology: Life Sustaining Systems	6	6	36	2019			
		CC-10	Immunology	6	6	36	2019			
	PHYSIOLOGY	GE-4	Endocrinology, Renal Physiology, Skin and Body Temperature Regulation	8	6	48	2019			
	ZOOLOGY	SEC-2	Aquarium Fish Keeping	6	2	12	2019			
V	ZOOLOGY	CC-11	Molecular Biology	5	6	30	2019	6.00	6.00	Q
		CC-12	Genetics	6	6	36	2019			
	ZOOLOGY	DSE-1	Animal Biotechnology	6	6	36	2019			
		DSE-2	Parasitology	7	6	42	2019			
VI	ZOOLOGY	CC-13	Developmental Biology	7	6	42	2020	8.00	8.00	Q
		CC-14	Evolutionary Biology	8	6	48	2020			
	ZOOLOGY	DSE-3	Animal Behaviour	8	6	48	2020			
		DSE-4	Endocrinology	9	6	54	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 6.22							Letter Grade in CGPA : B+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 6.34										

Date of Publication of Result : 29.10.2020

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

$$CGPA = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or All semesters not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage of Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



THE UNIVERSITY OF BURDWAN
B.Sc. 3 YEAR DEGREE HONOURS FINAL EXAMINATION 2020 UNDER CBCS
GRADE CARD

Name: SARALYA CHOWDHURY

Honours: MICROBIOLOGY

Roll No. 170331000097

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MICROBIOLOGY	CC-1	Introduction to Microbiology and Microbial Diversity	8	6	48	2017	8.00	7.55	Q
		CC-2	Bacteriology	8	6	48	2017			
	BOTANY	GE-1	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	7	6	42	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
II	MICROBIOLOGY	CC-3	Biochemistry	9	6	54	2018	8.00	7.60	Q
		CC-4	Virology	7	6	42	2018			
	BOTANY	GE-2	Plant Ecology and Taxonomy	7	6	42	2018			
	Communicative English/MIL	AECC-2	Communicative English	7	2	14	2018			
III	MICROBIOLOGY	CC-5	Microbial Physiology & Metabolism	7	6	42	2018	7.33	7.31	Q
		CC-6	Cell Biology	8	6	48	2018			
		CC-7	Molecular Biology	7	6	42	2018			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	7	6	42	2018			
	MICROBIOLOGY	SEC-1	Microbial Diagnosis in Health Clinics	8	2	16	2018			
IV	MICROBIOLOGY	CC-8	Microbial Genetics	6	6	36	2019	7.00	7.08	Q
		CC-9	Environmental Microbiology	7	6	42	2019			
		CC-10	Food and Dairy Microbiology	8	6	48	2019			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2019			
	MICROBIOLOGY	SEC-2	Food Fermentation Techniques	8	2	16	2019			
V	MICROBIOLOGY	CC-11	Industrial Microbiology	7	6	42	2019	7.75	7.75	Q
		CC-12	Immunology	8	6	48	2019			
	MICROBIOLOGY	DSE-1	Microbes in Sustainable Agriculture and Development	8	6	48	2019			
		DSE-2	Instrumentation and Biotechniques	8	6	48	2019			
VI	MICROBIOLOGY	CC-13	Medical Microbiology	9	6	54	2020	9.25	9.25	Q
		CC-14	Recombinant DNA Technology	9	6	54	2020			
	MICROBIOLOGY	DSE-3	Advances in Microbiology	10	6	60	2020			
		DSE-4	Bio-Safety and Intellectual Property Rights	9	6	54	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.94							Letter Grade in CGPA : A		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.75										

Date of Publication of Result : 29.10.2020

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

$$CGPA = \frac{\sum_{i=1}^N (G_i \times V_i)}{\sum_{i=1}^N V_i}$$

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or All semesters not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			

Grade Point Norms:

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage of Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



THE UNIVERSITY OF BURDWAN
B.Sc. 3 YEAR DEGREE HONOURS FINAL EXAMINATION 2020 UNDER CBCS
GRADE CARD

Name: SARIFUL HAQUE

Honours: CHEMISTRY

Roll No. 170331000098

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	CHEMISTRY	CC-1	Organic Chemistry-I	6	6	36	2018	5.50	5.64	Q
		CC-2	Physical Chemistry-I	5	6	30	2018			
	MATHEMATICS	GE-1	Differential Calculus	5	6	30	2018			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2018			
II	CHEMISTRY	CC-3	Inorganic Chemistry-I	5	6	30	2018	5.00	5.50	Q
		CC-4	Organic Chemistry-II	5	6	30	2018			
	MATHEMATICS	GE-2	Differential Equations	6	6	36	2018			
	Communicative English/MIL	AECC-2	Communicative English	7	2	14	2018			
III	CHEMISTRY	CC-5	Physical Chemistry-II	5	6	30	2018	5.00	4.77	Q
		CC-6	Inorganic Chemistry-II	5	6	30	2018			
		CC-7	Organic Chemistry-III	5	6	30	2018			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	4	6	24	2018			
	CHEMISTRY	SEC-1	Basic Analytical Chemistry	5	2	10	2018			
IV	CHEMISTRY	CC-8	Physical Chemistry-III	4	6	24	2019	4.67	4.69	Q
		CC-9	Inorganic Chemistry-III	5	6	30	2019			
		CC-10	Organic Chemistry - IV	5	6	30	2019			
	PHYSICS	GE-4	Waves and Optics	4	6	24	2019			
	CHEMISTRY	SEC-2	Pharmaceutical Chemistry	7	2	14	2019			
V	CHEMISTRY	CC-11	Inorganic Chemistry-IV	6	6	36	2019	6.00	6.00	Q
		CC-12	Organic Chemistry-V	6	6	36	2019			
	CHEMISTRY	DSE-1	Advanced Physical Chemistry	5	6	30	2019			
		DSE-2	Analytical Methods in Chemistry	7	6	42	2019			
VI	CHEMISTRY	CC-13	Inorganic Chemistry-V	7	6	42	2020	8.25	8.25	Q
		CC-14	Physical Chemistry-IV	9	6	54	2020			
	CHEMISTRY	DSE-3	Green Chemistry	9	6	54	2020			
		DSE-4	Inorganic Materials of Industrial Importance	8	6	48	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 5.94							Letter Grade in CGPA : B	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 5.79										

Date of Publication of Result : 29.10.2020

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

$$CGPA = \frac{\sum_{i=1}^N (G_i \times V_i)}{\sum_{i=1}^N V_i}$$

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or All semesters not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			

Grade Point Norms:

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage of Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



THE UNIVERSITY OF BURDWAN
B.Sc. 3 YEAR DEGREE HONOURS FINAL EXAMINATION 2020 UNDER CBCS
GRADE CARD

Name: SAYAN BANERJEE

Honours: MATHEMATICS

Roll No. 170331000099

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	4	6	24	2017	4.00	4.82	Q
		CC-2	Algebra	4	6	24	2017			
	PHYSICS	GE-1	Mechanics	5	6	30	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
II	MATHEMATICS	CC-3	Real Analysis	5	6	30	2018			SNC
		CC-4	Differential Equations and Vector Calculus	NA	6	NA				
	PHYSICS	GE-2	Electricity and Magnetism	6	6	36	2018			
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2018			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	4	6	24	2018			SNC
		CC-6	Group Theory I	NA	6	NA				
		CC-7	Numerical Methods	5	6	30	2018			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	5	6	30	2018			
	MATHEMATICS	SEC-1	Logic and Sets	8	2	16	2018			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	NA	6	NA				SNC
		CC-9	Multivariate Calculus	4	6	24	2019			
		CC-10	Ring Theory and Linear Algebra I	NA	6	NA				
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	6	6	36	2019			
	MATHEMATICS	SEC-2	Graph Theory	9	2	18	2019			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	5	6	30	2019	6.00	6.00	Q
		CC-12	Mechanics I	6	6	36	2019			
	MATHEMATICS	DSE-1	Linear Programming	5	6	30	2019			
		DSE-2	Probability & Statistics	8	6	48	2019			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2020	10.00	10.00	Q
		CC-14	Ring Theory and Linear Algebra II	10	6	60	2020			
	MATHEMATICS	DSE-3	Project Work	10	6	60	2020			
		DSE-4	Mechanics II	10	6	60	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs :							Letter Grade in CGPA :		Result : PNC	
CGPA (Cumulative Grade Point Average) on the basis of All Courses :										

Date of Publication of Result : 29.10.2020

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

$$CGPA = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or All semesters not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage of Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



THE UNIVERSITY OF BURDWAN
B.Sc. 3 YEAR DEGREE HONOURS FINAL EXAMINATION 2020 UNDER CBCS
GRADE CARD

Name: SAYAN MITRA

Honours: CHEMISTRY

Roll No. 170331000100

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	CHEMISTRY	CC-1	Organic Chemistry-I	9	6	54	2017	8.50	7.55	Q
		CC-2	Physical Chemistry-I	8	6	48	2017			
	PHYSICS	GE-1	Mechanics	6	6	36	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
II	CHEMISTRY	CC-3	Inorganic Chemistry-I	9	6	54	2018	9.00	8.20	Q
		CC-4	Organic Chemistry-II	9	6	54	2018			
	PHYSICS	GE-2	Electricity and Magnetism	7	6	42	2018			
	Communicative English/MIL	AECC-2	Communicative English	7	2	14	2018			
III	CHEMISTRY	CC-5	Physical Chemistry-II	8	6	48	2018	8.33	7.77	Q
		CC-6	Inorganic Chemistry-II	9	6	54	2018			
		CC-7	Organic Chemistry-III	8	6	48	2018			
	MATHEMATICS	GE-3	Real Analysis	6	6	36	2018			
	CHEMISTRY	SEC-1	Basic Analytical Chemistry	8	2	16	2018			
IV	CHEMISTRY	CC-8	Physical Chemistry-III	6	6	36	2019	7.33	8.08	Q
		CC-9	Inorganic Chemistry-III	8	6	48	2019			
		CC-10	Organic Chemistry - IV	8	6	48	2019			
	MATHEMATICS	GE-4	Algebra	10	6	60	2019			
	CHEMISTRY	SEC-2	Pharmaceutical Chemistry	9	2	18	2019			
V	CHEMISTRY	CC-11	Inorganic Chemistry-IV	7	6	42	2019	7.75	7.75	Q
		CC-12	Organic Chemistry-V	8	6	48	2019			
	CHEMISTRY	DSE-1	Advanced Physical Chemistry	8	6	48	2019			
		DSE-2	Analytical Methods in Chemistry	8	6	48	2019			
VI	CHEMISTRY	CC-13	Inorganic Chemistry-V	9	6	54	2020	9.25	9.25	Q
		CC-14	Physical Chemistry-IV	9	6	54	2020			
	CHEMISTRY	DSE-3	Green Chemistry	10	6	60	2020			
		DSE-4	Inorganic Materials of Industrial Importance	9	6	54	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.33							Letter Grade in CGPA : A+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.10										

Date of Publication of Result : 29.10.2020

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

$$CGPA = \frac{\sum_{i=1}^N (G_i \times V_i)}{\sum_{i=1}^N V_i}$$

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or All semesters not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			

Grade Point Norms:

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage of Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



THE UNIVERSITY OF BURDWAN
B.Sc. 3 YEAR DEGREE HONOURS FINAL EXAMINATION 2020 UNDER CBCS
GRADE CARD

Name: SAYANTANI SEN

Honours: MICROBIOLOGY

Roll No. 170331000101

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MICROBIOLOGY	CC-1	Introduction to Microbiology and Microbial Diversity	6	6	36	2017	6.00	6.09	Q
		CC-2	Bacteriology	6	6	36	2017			
	BOTANY	GE-1	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	5	6	30	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2017			
II	MICROBIOLOGY	CC-3	Biochemistry	7	6	42	2018	6.00	6.10	Q
		CC-4	Virology	5	6	30	2018			
	BOTANY	GE-2	Plant Ecology and Taxonomy	6	6	36	2018			
	Communicative English/MIL	AECC-2	Communicative English	7	2	14	2018			
III	MICROBIOLOGY	CC-5	Microbial Physiology & Metabolism	6	6	36	2018	6.33	6.46	Q
		CC-6	Cell Biology	6	6	36	2018			
		CC-7	Molecular Biology	7	6	42	2018			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	7	6	42	2018			
	MICROBIOLOGY	SEC-1	Microbial Diagnosis in Health Clinics	6	2	12	2018			
IV	MICROBIOLOGY	CC-8	Microbial Genetics	6	6	36	2019	6.33	6.15	Q
		CC-9	Environmental Microbiology	7	6	42	2019			
		CC-10	Food and Dairy Microbiology	6	6	36	2019			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	6	6	36	2019			
	MICROBIOLOGY	SEC-2	Food Fermentation Techniques	5	2	10	2019			
V	MICROBIOLOGY	CC-11	Industrial Microbiology	6	6	36	2019	6.50	6.50	Q
		CC-12	Immunology	7	6	42	2019			
	MICROBIOLOGY	DSE-1	Microbes in Sustainable Agriculture and Development	7	6	42	2019			
		DSE-2	Instrumentation and Biotechniques	6	6	36	2019			
VI	MICROBIOLOGY	CC-13	Medical Microbiology	8	6	48	2020	8.25	8.25	Q
		CC-14	Recombinant DNA Technology	8	6	48	2020			
	MICROBIOLOGY	DSE-3	Advances in Microbiology	9	6	54	2020			
		DSE-4	Bio-Safety and Intellectual Property Rights	8	6	48	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 6.72							Letter Grade in CGPA : B+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 6.61										

Date of Publication of Result : 29.10.2020

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

$$CGPA = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or All semesters not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage of Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



THE UNIVERSITY OF BURDWAN
B.Sc. 3 YEAR DEGREE HONOURS FINAL EXAMINATION 2020 UNDER CBCS
GRADE CARD

Name: SHAIBAL MUKHERJEE

Honours: CHEMISTRY

Roll No. 170331000102

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	CHEMISTRY	CC-1	Organic Chemistry-I	7	6	42	2018	7.00	6.45	Q
		CC-2	Physical Chemistry-I	7	6	42	2018			
	MATHEMATICS	GE-1	Differential Calculus	5	6	30	2018			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2018			
II	CHEMISTRY	CC-3	Inorganic Chemistry-I	7	6	42	2018	7.00	7.00	Q
		CC-4	Organic Chemistry-II	7	6	42	2018			
	MATHEMATICS	GE-2	Differential Equations	7	6	42	2018			
	Communicative English/MIL	AECC-2	Communicative English	7	2	14	2018			
III	CHEMISTRY	CC-5	Physical Chemistry-II	7	6	42	2018	7.33	6.85	Q
		CC-6	Inorganic Chemistry-II	8	6	48	2018			
		CC-7	Organic Chemistry-III	7	6	42	2018			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	5	6	30	2018			
	CHEMISTRY	SEC-1	Basic Analytical Chemistry	8	2	16	2018			
IV	CHEMISTRY	CC-8	Physical Chemistry-III	4	6	24	2019	5.67	5.69	Q
		CC-9	Inorganic Chemistry-III	6	6	36	2019			
		CC-10	Organic Chemistry - IV	7	6	42	2019			
	PHYSICS	GE-4	Waves and Optics	5	6	30	2019			
	CHEMISTRY	SEC-2	Pharmaceutical Chemistry	8	2	16	2019			
V	CHEMISTRY	CC-11	Inorganic Chemistry-IV	6	6	36	2019	6.50	6.50	Q
		CC-12	Organic Chemistry-V	7	6	42	2019			
	CHEMISTRY	DSE-1	Advanced Physical Chemistry	6	6	36	2019			
		DSE-2	Analytical Methods in Chemistry	7	6	42	2019			
VI	CHEMISTRY	CC-13	Inorganic Chemistry-V	7	6	42	2020	8.50	8.50	Q
		CC-14	Physical Chemistry-IV	9	6	54	2020			
	CHEMISTRY	DSE-3	Green Chemistry	10	6	60	2020			
		DSE-4	Inorganic Materials of Industrial Importance	8	6	48	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.06							Letter Grade in CGPA : A		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 6.82										

Date of Publication of Result : 29.10.2020

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

$$CGPA = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or All semesters not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage of Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



THE UNIVERSITY OF BURDWAN
B.Sc. 3 YEAR DEGREE HONOURS FINAL EXAMINATION 2020 UNDER CBCS
GRADE CARD

Name: SHARMISTHA KAR

Honours: MATHEMATICS

Roll No. 170331000103

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	7	6	42	2017	7.00	7.27	Q
		CC-2	Algebra	7	6	42	2017			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	8	6	48	2017			
		AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
II	MATHEMATICS	CC-3	Real Analysis	10	6	60	2018	8.50	8.50	Q
		CC-4	Differential Equations and Vector Calculus	7	6	42	2018			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	8	6	48	2018			
		AECC-2	Bengali	10	2	20	2018			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	8	6	48	2018	8.33	8.38	Q
		CC-6	Group Theory I	8	6	48	2018			
		CC-7	Numerical Methods	9	6	54	2018			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	8	6	48	2018			
	MATHEMATICS	SEC-1	Logic and Sets	10	2	20	2018			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	10	6	60	2019	8.67	8.15	Q
		CC-9	Multivariate Calculus	7	6	42	2019			
		CC-10	Ring Theory and Linear Algebra I	9	6	54	2019			
	PHYSICS	GE-4	Waves and Optics	6	6	36	2019			
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2019			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	10	6	60	2019	8.75	8.75	Q
		CC-12	Mechanics I	8	6	48	2019			
	MATHEMATICS	DSE-1	Linear Programming	8	6	48	2019			
		DSE-2	Probability & Statistics	9	6	54	2019			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2020	10.00	10.00	Q
		CC-14	Ring Theory and Linear Algebra II	10	6	60	2020			
	MATHEMATICS	DSE-3	Project Work	10	6	60	2020			
		DSE-4	Mechanics II	10	6	60	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.72							Letter Grade in CGPA : A+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.52										

Date of Publication of Result : 29.10.2020

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

$$CGPA = \frac{\sum_{i=1}^N (G_i \times V_i)}{\sum_{i=1}^N V_i}$$

Anindya Jyoti Pal
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or All semesters not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage of Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



THE UNIVERSITY OF BURDWAN
B.Sc. 3 YEAR DEGREE HONOURS FINAL EXAMINATION 2020 UNDER CBCS
GRADE CARD

Name: SHREYA SADHU

Honours: MATHEMATICS

Roll No. 170331000104

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	5	6	30	2018	5.00	5.45	Q
		CC-2	Algebra	5	6	30	2018			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	6	6	36	2018			
		ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24			
II	MATHEMATICS	CC-3	Real Analysis	6	6	36	2018	5.50	6.00	Q
		CC-4	Differential Equations and Vector Calculus	5	6	30	2018			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	6	6	36	2018			
		Communicative English/MIL	AECC-2	Bengali	9	2	18			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	6	6	36	2018	5.67	6.38	Q
		CC-6	Group Theory I	4	6	24	2018			
		CC-7	Numerical Methods	7	6	42	2018			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	8	6	48	2018			
	MATHEMATICS	SEC-1	Logic and Sets	8	2	16	2018			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	7	6	42	2019	5.33	5.85	Q
		CC-9	Multivariate Calculus	4	6	24	2019			
		CC-10	Ring Theory and Linear Algebra I	5	6	30	2019			
	PHYSICS	GE-4	Waves and Optics	6	6	36	2019			
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2019			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	7	6	42	2019	7.00	7.00	Q
		CC-12	Mechanics I	6	6	36	2019			
	MATHEMATICS	DSE-1	Linear Programming	7	6	42	2019			
		DSE-2	Probability & Statistics	8	6	48	2019			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2020	10.00	10.00	Q
		CC-14	Ring Theory and Linear Algebra II	10	6	60	2020			
	MATHEMATICS	DSE-3	Project Work	10	6	60	2020			
		DSE-4	Mechanics II	10	6	60	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 6.78							Letter Grade in CGPA : B+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 6.80										

Date of Publication of Result : 29.10.2020

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

$$CGPA = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

Anindya Jyoti Pal
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or All semesters not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage of Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



THE UNIVERSITY OF BURDWAN
B.Sc. 3 YEAR DEGREE HONOURS FINAL EXAMINATION 2020 UNDER CBCS
GRADE CARD

Name: SIDDHARTHA PAUL

Honours: CHEMISTRY

Roll No. 170331000105

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	CHEMISTRY	CC-1	Organic Chemistry-I	9	6	54	2017	9.50	8.27	Q
		CC-2	Physical Chemistry-I	10	6	60	2017			
	PHYSICS	GE-1	Mechanics	6	6	36	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2017			
II	CHEMISTRY	CC-3	Inorganic Chemistry-I	8	6	48	2018	8.00	7.70	Q
		CC-4	Organic Chemistry-II	8	6	48	2018			
	PHYSICS	GE-2	Electricity and Magnetism	7	6	42	2018			
	Communicative English/MIL	AECC-2	Communicative English	8	2	16	2018			
III	CHEMISTRY	CC-5	Physical Chemistry-II	7	6	42	2018	8.00	7.77	Q
		CC-6	Inorganic Chemistry-II	8	6	48	2018			
		CC-7	Organic Chemistry-III	9	6	54	2018			
	MATHEMATICS	GE-3	Real Analysis	7	6	42	2018			
	CHEMISTRY	SEC-1	Basic Analytical Chemistry	8	2	16	2018			
IV	CHEMISTRY	CC-8	Physical Chemistry-III	7	6	42	2019	8.00	7.85	Q
		CC-9	Inorganic Chemistry-III	8	6	48	2019			
		CC-10	Organic Chemistry - IV	9	6	54	2019			
	MATHEMATICS	GE-4	Algebra	7	6	42	2019			
	CHEMISTRY	SEC-2	Pharmaceutical Chemistry	9	2	18	2019			
V	CHEMISTRY	CC-11	Inorganic Chemistry-IV	7	6	42	2019	7.50	7.50	Q
		CC-12	Organic Chemistry-V	8	6	48	2019			
	CHEMISTRY	DSE-1	Advanced Physical Chemistry	7	6	42	2019			
		DSE-2	Analytical Methods in Chemistry	8	6	48	2019			
VI	CHEMISTRY	CC-13	Inorganic Chemistry-V	9	6	54	2020	9.00	9.00	Q
		CC-14	Physical Chemistry-IV	9	6	54	2020			
	CHEMISTRY	DSE-3	Green Chemistry	9	6	54	2020			
		DSE-4	Inorganic Materials of Industrial Importance	9	6	54	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.28							Letter Grade in CGPA : A+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.01										

Date of Publication of Result : 29.10.2020

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

$$CGPA = \frac{\sum_{i=1}^N (G_i \times V_i)}{\sum_{i=1}^N V_i}$$

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or All semesters not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			

Grade Point Norms:

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage of Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



THE UNIVERSITY OF BURDWAN
B.Sc. 3 YEAR DEGREE HONOURS FINAL EXAMINATION 2020 UNDER CBCS
GRADE CARD

Name: SK AZIBUR RAHAMAN

Honours: ZOOLOGY

Roll No. 170331000106

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	ZOOLOGY	CC-1	Non-chordates I	7	6	42	2017	7.50	7.00	Q
		CC-2	Ecology	8	6	48	2017			
	BOTANY	GE-1	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	6	6	36	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
II	ZOOLOGY	CC-3	Non-chordates II	7	6	42	2018	6.00	6.40	Q
		CC-4	Cell Biology	5	6	30	2018			
	BOTANY	GE-2	Plant Ecology and Taxonomy	6	6	36	2018			
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2018			
III	ZOOLOGY	CC-5	Chordates	5	6	30	2018	6.33	6.23	Q
		CC-6	Animal Physiology: Controlling and Coordinating Systems	7	6	42	2018			
		CC-7	Fundamentals of Biochemistry	7	6	42	2018			
	PHYSIOLOGY	GE-3	Respiratory and Cardiovascular Physiology	6	6	36	2018			
	ZOOLOGY	SEC-1	Apiculture	6	2	12	2018			
IV	ZOOLOGY	CC-8	Comparative Anatomy of Vertebrates	5	6	30	2019	5.67	6.00	Q
		CC-9	Animal Physiology: Life Sustaining Systems	6	6	36	2019			
		CC-10	Immunology	6	6	36	2019			
	PHYSIOLOGY	GE-4	Endocrinology, Renal Physiology, Skin and Body Temperature Regulation	7	6	42	2019			
	ZOOLOGY	SEC-2	Aquarium Fish Keeping	6	2	12	2019			
V	ZOOLOGY	CC-11	Molecular Biology	7	6	42	2019	7.00	7.00	Q
		CC-12	Genetics	7	6	42	2019			
	ZOOLOGY	DSE-1	Animal Biotechnology	7	6	42	2019			
		DSE-2	Parasitology	7	6	42	2019			
VI	ZOOLOGY	CC-13	Developmental Biology	7	6	42	2020	8.00	8.00	Q
		CC-14	Evolutionary Biology	8	6	48	2020			
	ZOOLOGY	DSE-3	Animal Behaviour	8	6	48	2020			
		DSE-4	Endocrinology	9	6	54	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 6.83							Letter Grade in CGPA : B+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 6.76										

Date of Publication of Result : 29.10.2020

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

$$CGPA = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

Anindya Zoti Pal
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or All semesters not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage of Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



THE UNIVERSITY OF BURDWAN
B.Sc. 3 YEAR DEGREE HONOURS FINAL EXAMINATION 2020 UNDER CBCS
GRADE CARD

Name: SK RAJIBUL HOSSAIN

Honours: PHYSICS

Roll No. 170331000107

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	PHYSICS	CC-1	Mathematical Physics-I	7	6	42	2017	7.50	7.36	Q
		CC-2	Mechanics	8	6	48	2017			
	MATHEMATICS	GE-1	Differential Calculus	8	6	48	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017			
II	PHYSICS	CC-3	Electricity and Magnetism	7	6	42	2018	8.00	7.80	Q
		CC-4	Waves and Optics	9	6	54	2018			
	MATHEMATICS	GE-2	Differential Equations	7	6	42	2018			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
III	PHYSICS	CC-5	Mathematical Physics-II	9	6	54	2018	8.00	8.08	Q
		CC-6	Thermal Physics	7	6	42	2018			
		CC-7	Digital Systems and Applications	8	6	48	2018			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	8	6	48	2018			
	PHYSICS	SEC-1	Renewable Energy and Energy Harvesting	9	2	18	2018			
IV	PHYSICS	CC-8	Mathematical Physics-III	7	6	42	2019	7.67	7.54	Q
		CC-9	Elements of Modern Physics	8	6	48	2019			
		CC-10	Analog Systems & Applications	8	6	48	2019			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2019			
	PHYSICS	SEC-2	Electrical Circuits and Network Skills	8	2	16	2019			
V	PHYSICS	CC-11	Quantum Mechanics and Applications	9	6	54	2019	7.25	7.25	Q
		CC-12	Solid State Physics	8	6	48	2019			
	PHYSICS	DSE-1	Advanced Mathematical Physics	7	6	42	2019			
		DSE-2	Classical Dynamics	5	6	30	2019			
VI	PHYSICS	CC-13	Electromagnetic Theory	9	6	54	2020	8.75	8.75	Q
		CC-14	Statistical Mechanics	9	6	54	2020			
	PHYSICS	DSE-3	Nuclear and Particle Physics	8	6	48	2020			
		DSE-4	Astronomy and Astrophysics	9	6	54	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.89							Letter Grade in CGPA : A		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.80										

Date of Publication of Result : 29.10.2020

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

$$CGPA = \frac{\sum_{i=1}^N (G_i \times V_i)}{\sum_{i=1}^N V_i}$$

Anindya Jyoti Pal
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or All semesters not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage of Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



THE UNIVERSITY OF BURDWAN
B.Sc. 3 YEAR DEGREE HONOURS FINAL EXAMINATION 2020 UNDER CBCS
GRADE CARD

Name: SK ZIAUR RAHAMAN

Honours: CHEMISTRY

Roll No. 170331000108

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	CHEMISTRY	CC-1	Organic Chemistry-I	8	6	48	2017	8.00	7.18	Q
		CC-2	Physical Chemistry-I	8	6	48	2017			
	PHYSICS	GE-1	Mechanics	5	6	30	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2017			
II	CHEMISTRY	CC-3	Inorganic Chemistry-I	8	6	48	2018	8.00	7.60	Q
		CC-4	Organic Chemistry-II	8	6	48	2018			
	PHYSICS	GE-2	Electricity and Magnetism	6	6	36	2018			
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2018			
III	CHEMISTRY	CC-5	Physical Chemistry-II	6	6	36	2018	7.00	6.38	Q
		CC-6	Inorganic Chemistry-II	8	6	48	2018			
		CC-7	Organic Chemistry-III	7	6	42	2018			
	MATHEMATICS	GE-3	Real Analysis	4	6	24	2018			
	CHEMISTRY	SEC-1	Basic Analytical Chemistry	8	2	16	2018			
IV	CHEMISTRY	CC-8	Physical Chemistry-III	6	6	36	2019	7.33	7.15	Q
		CC-9	Inorganic Chemistry-III	8	6	48	2019			
		CC-10	Organic Chemistry - IV	8	6	48	2019			
	MATHEMATICS	GE-4	Algebra	6	6	36	2019			
	CHEMISTRY	SEC-2	Pharmaceutical Chemistry	9	2	18	2019			
V	CHEMISTRY	CC-11	Inorganic Chemistry-IV	7	6	42	2019	7.00	7.00	Q
		CC-12	Organic Chemistry-V	7	6	42	2019			
	CHEMISTRY	DSE-1	Advanced Physical Chemistry	7	6	42	2019			
		DSE-2	Analytical Methods in Chemistry	7	6	42	2019			
VI	CHEMISTRY	CC-13	Inorganic Chemistry-V	8	6	48	2020	8.50	8.50	Q
		CC-14	Physical Chemistry-IV	9	6	54	2020			
	CHEMISTRY	DSE-3	Green Chemistry	9	6	54	2020			
		DSE-4	Inorganic Materials of Industrial Importance	8	6	48	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.61							Letter Grade in CGPA : A		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.28										

Date of Publication of Result : 29.10.2020

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

$$CGPA = \frac{\sum_{i=1}^N (G_i \times V_i)}{\sum_{i=1}^N V_i}$$

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or All semesters not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			

Grade Point Norms:

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage of Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



THE UNIVERSITY OF BURDWAN
B.Sc. 3 YEAR DEGREE HONOURS FINAL EXAMINATION 2020 UNDER CBCS
GRADE CARD

Name: SK. MIRAJUL HAQUE

Honours: MATHEMATICS

Roll No. 170331000109

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	5	6	30	2017	4.50	5.82	Q
		CC-2	Algebra	4	6	24	2017			
	PHYSICS	GE-1	Mechanics	7	6	42	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2017			
II	MATHEMATICS	CC-3	Real Analysis	4	6	24	2018	4.00	5.10	Q
		CC-4	Differential Equations and Vector Calculus	4	6	24	2018			
	PHYSICS	GE-2	Electricity and Magnetism	6	6	36	2018			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	4	6	24	2018			SNC
		CC-6	Group Theory I	NA	6	NA				
		CC-7	Numerical Methods	7	6	42	2018			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	6	6	36	2018			
	MATHEMATICS	SEC-1	Logic and Sets	9	2	18	2018			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	5	6	30	2019			SNC
		CC-9	Multivariate Calculus	NA	6	NA				
		CC-10	Ring Theory and Linear Algebra I	5	6	30	2019			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	6	6	36	2019			
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2019			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	8	6	48	2019	6.00	6.00	Q
		CC-12	Mechanics I	6	6	36	2019			
	MATHEMATICS	DSE-1	Linear Programming	4	6	24	2019			
		DSE-2	Probability & Statistics	6	6	36	2019			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	9	6	54	2020	9.75	9.75	Q
		CC-14	Ring Theory and Linear Algebra II	10	6	60	2020			
	MATHEMATICS	DSE-3	Project Work	10	6	60	2020			
		DSE-4	Mechanics II	10	6	60	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs :							Letter Grade in CGPA :		Result : PNC	
CGPA (Cumulative Grade Point Average) on the basis of All Courses :										

Date of Publication of Result : 29.10.2020

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

$$CGPA = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or All semesters not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage of Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



THE UNIVERSITY OF BURDWAN
B.Sc. 3 YEAR DEGREE HONOURS FINAL EXAMINATION 2020 UNDER CBCS
GRADE CARD

Name: SOHAM SARKAR

Honours: MATHEMATICS

Roll No. 170331000110

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	5	6	30	2017	5.00	5.64	Q
		CC-2	Algebra	5	6	30	2017			
	PHYSICS	GE-1	Mechanics	6	6	36	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
II	MATHEMATICS	CC-3	Real Analysis	5	6	30	2018	4.50	5.50	Q
		CC-4	Differential Equations and Vector Calculus	4	6	24	2018			
	PHYSICS	GE-2	Electricity and Magnetism	6	6	36	2018			
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2018			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	NA	6	NA				SNC
		CC-6	Group Theory I	4	6	24	2018			
		CC-7	Numerical Methods	6	6	36	2018			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	7	6	42	2018			
	MATHEMATICS	SEC-1	Logic and Sets	9	2	18	2018			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	6	6	36	2019			SNC
		CC-9	Multivariate Calculus	NA	6	NA				
		CC-10	Ring Theory and Linear Algebra I	5	6	30	2019			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2019			
	MATHEMATICS	SEC-2	Graph Theory	9	2	18	2019			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	8	6	48	2019	6.25	6.25	Q
		CC-12	Mechanics I	5	6	30	2019			
	MATHEMATICS	DSE-1	Linear Programming	6	6	36	2019			
		DSE-2	Probability & Statistics	6	6	36	2019			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2020	10.00	10.00	Q
		CC-14	Ring Theory and Linear Algebra II	10	6	60	2020			
	MATHEMATICS	DSE-3	Project Work	10	6	60	2020			
		DSE-4	Mechanics II	10	6	60	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs :							Letter Grade in CGPA :		Result : PNC	
CGPA (Cumulative Grade Point Average) on the basis of All Courses :										

Date of Publication of Result : 29.10.2020

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

$$CGPA = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or All semesters not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage of Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



THE UNIVERSITY OF BURDWAN
B.Sc. 3 YEAR DEGREE HONOURS FINAL EXAMINATION 2020 UNDER CBCS
GRADE CARD

Name: SOUMYADIP MUKHOPADHYAY

Honours: PHYSIOLOGY

Roll No. 170331000111

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	PHYSIOLOGY	CC-1	Cellular Basis of Physiology	8	6	48	2017	8.00	7.27	Q
		CC-2	Biological Physics and Enzymes	8	6	48	2017			
	BOTANY	GE-1	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	6	6	36	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
II	PHYSIOLOGY	CC-3	Physiology of Nerve and Muscle Cells	8	6	48	2018	8.00	7.30	Q
		CC-4	Chemistry of Biomolecules	8	6	48	2018			
	BOTANY	GE-2	Plant Ecology and Taxonomy	6	6	36	2018			
	Communicative English/MIL	AECC-2	Communicative English	7	2	14	2018			
III	PHYSIOLOGY	CC-5	Circulating Body Fluids	7	6	42	2018	7.33	7.31	Q
		CC-6	Circulation	8	6	48	2018			
		CC-7	Functions of The Nervous System	7	6	42	2018			
	ZOOLOGY	GE-3	Physiology and Biochemistry	7	6	42	2018			
	PHYSIOLOGY	SEC-1	Detection of Food Additives/Adulterants	8	2	16	2018			
IV	PHYSIOLOGY	CC-8	Energy Balance, Metabolism and Nutrition	8	6	48	2019	8.67	8.54	Q
		CC-9	Gastrointestinal Function	9	6	54	2019			
		CC-10	Respiration	9	6	54	2019			
	ZOOLOGY	GE-4	Genetics and Evolutionary Biology	8	6	48	2019			
	PHYSIOLOGY	SEC-2	Hematological Techniques	9	2	18	2019			
V	PHYSIOLOGY	CC-11	Special Senses	9	6	54	2019	9.25	9.25	Q
		CC-12	Endocrinology	9	6	54	2019			
	PHYSIOLOGY	DSE-1	Biological Statistics	9	6	54	2019			
		DSE-2	Sports and Exercise Physiology	10	6	60	2019			
VI	PHYSIOLOGY	CC-13	Reproduction	10	6	60	2020	9.75	9.75	Q
		CC-14	Formation and Excretion of Urine	9	6	54	2020			
	PHYSIOLOGY	DSE-3	Human Nutrition and Dietetics	10	6	60	2020			
		DSE-4	Toxicology	10	6	60	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.67							Letter Grade in CGPA : A+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.27										

Date of Publication of Result : 29.10.2020

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

$$CGPA = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or All semesters not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage of Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



THE UNIVERSITY OF BURDWAN
B.Sc. 3 YEAR DEGREE HONOURS FINAL EXAMINATION 2020 UNDER CBCS
GRADE CARD

Name: SOUNAK SAHA

Honours: CHEMISTRY

Roll No. 170331000112

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	CHEMISTRY	CC-1	Organic Chemistry-I	8	6	48	2017	8.00	7.27	Q
		CC-2	Physical Chemistry-I	8	6	48	2017			
	MATHEMATICS	GE-1	Differential Calculus	6	6	36	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
II	CHEMISTRY	CC-3	Inorganic Chemistry-I	8	6	48	2018	7.50	7.80	Q
		CC-4	Organic Chemistry-II	7	6	42	2018			
	MATHEMATICS	GE-2	Differential Equations	8	6	48	2018			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
III	CHEMISTRY	CC-5	Physical Chemistry-II	6	6	36	2018	6.67	6.46	Q
		CC-6	Inorganic Chemistry-II	8	6	48	2018			
		CC-7	Organic Chemistry-III	6	6	36	2018			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	6	6	36	2018			
	CHEMISTRY	SEC-1	Basic Analytical Chemistry	6	2	12	2018			
IV	CHEMISTRY	CC-8	Physical Chemistry-III	5	6	30	2019	5.67	6.00	Q
		CC-9	Inorganic Chemistry-III	6	6	36	2019			
		CC-10	Organic Chemistry - IV	6	6	36	2019			
	PHYSICS	GE-4	Waves and Optics	6	6	36	2019			
	CHEMISTRY	SEC-2	Pharmaceutical Chemistry	9	2	18	2019			
V	CHEMISTRY	CC-11	Inorganic Chemistry-IV	7	6	42	2019	6.75	6.75	Q
		CC-12	Organic Chemistry-V	6	6	36	2019			
	CHEMISTRY	DSE-1	Advanced Physical Chemistry	7	6	42	2019			
		DSE-2	Analytical Methods in Chemistry	7	6	42	2019			
VI	CHEMISTRY	CC-13	Inorganic Chemistry-V	8	6	48	2020	9.00	9.00	Q
		CC-14	Physical Chemistry-IV	9	6	54	2020			
	CHEMISTRY	DSE-3	Green Chemistry	10	6	60	2020			
		DSE-4	Inorganic Materials of Industrial Importance	9	6	54	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.28							Letter Grade in CGPA : A		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.17										

Date of Publication of Result : 29.10.2020

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

$$CGPA = \frac{\sum_{i=1}^N (G_i \times V_i)}{\sum_{i=1}^N V_i}$$

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or All semesters not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			

Grade Point Norms:

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage of Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



THE UNIVERSITY OF BURDWAN
B.Sc. 3 YEAR DEGREE HONOURS FINAL EXAMINATION 2020 UNDER CBCS
GRADE CARD

Name: SOURAV BANIK

Honours: MATHEMATICS

Roll No. 170331000113

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	10	6	60	2017	8.50	8.00	Q
		CC-2	Algebra	7	6	42	2017			
	PHYSICS	GE-1	Mechanics	7	6	42	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2017			
II	MATHEMATICS	CC-3	Real Analysis	10	6	60	2018	10.00	9.40	Q
		CC-4	Differential Equations and Vector Calculus	10	6	60	2018			
	PHYSICS	GE-2	Electricity and Magnetism	8	6	48	2018			
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2018			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	9	6	54	2018	9.33	9.31	Q
		CC-6	Group Theory I	9	6	54	2018			
		CC-7	Numerical Methods	10	6	60	2018			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	9	6	54	2018			
	MATHEMATICS	SEC-1	Logic and Sets	10	2	20	2018			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	10	6	60	2019	9.00	9.08	Q
		CC-9	Multivariate Calculus	8	6	48	2019			
		CC-10	Ring Theory and Linear Algebra I	9	6	54	2019			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	9	6	54	2019			
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2019			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	10	6	60	2019	9.75	9.75	Q
		CC-12	Mechanics I	10	6	60	2019			
	MATHEMATICS	DSE-1	Linear Programming	10	6	60	2019			
		DSE-2	Probability & Statistics	9	6	54	2019			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2020	10.00	10.00	Q
		CC-14	Ring Theory and Linear Algebra II	10	6	60	2020			
	MATHEMATICS	DSE-3	Project Work	10	6	60	2020			
		DSE-4	Mechanics II	10	6	60	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 9.50							Letter Grade in CGPA : O		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 9.27										

Date of Publication of Result : 29.10.2020

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

$$CGPA = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or All semesters not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage of Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



THE UNIVERSITY OF BURDWAN
B.Sc. 3 YEAR DEGREE HONOURS FINAL EXAMINATION 2020 UNDER CBCS
GRADE CARD

Name: SOURAVI ROY

Honours: CHEMISTRY

Roll No. 170331000116

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	CHEMISTRY	CC-1	Organic Chemistry-I	7	6	42	2017	7.00	6.82	Q
		CC-2	Physical Chemistry-I	7	6	42	2017			
	PHYSICS	GE-1	Mechanics	7	6	42	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017			
II	CHEMISTRY	CC-3	Inorganic Chemistry-I	7	6	42	2018	7.50	7.30	Q
		CC-4	Organic Chemistry-II	8	6	48	2018			
	PHYSICS	GE-2	Electricity and Magnetism	7	6	42	2018			
	Communicative English/MIL	AECC-2	Communicative English	7	2	14	2018			
III	CHEMISTRY	CC-5	Physical Chemistry-II	6	6	36	2018	7.00	6.54	Q
		CC-6	Inorganic Chemistry-II	7	6	42	2018			
		CC-7	Organic Chemistry-III	8	6	48	2018			
	MATHEMATICS	GE-3	Real Analysis	5	6	30	2018			
	CHEMISTRY	SEC-1	Basic Analytical Chemistry	7	2	14	2018			
IV	CHEMISTRY	CC-8	Physical Chemistry-III	6	6	36	2019	7.00	7.54	Q
		CC-9	Inorganic Chemistry-III	8	6	48	2019			
		CC-10	Organic Chemistry - IV	7	6	42	2019			
	MATHEMATICS	GE-4	Algebra	9	6	54	2019			
	CHEMISTRY	SEC-2	Pharmaceutical Chemistry	8	2	16	2019			
V	CHEMISTRY	CC-11	Inorganic Chemistry-IV	7	6	42	2019	7.75	7.75	Q
		CC-12	Organic Chemistry-V	8	6	48	2019			
	CHEMISTRY	DSE-1	Advanced Physical Chemistry	8	6	48	2019			
		DSE-2	Analytical Methods in Chemistry	8	6	48	2019			
VI	CHEMISTRY	CC-13	Inorganic Chemistry-V	8	6	48	2020	9.00	9.00	Q
		CC-14	Physical Chemistry-IV	9	6	54	2020			
	CHEMISTRY	DSE-3	Green Chemistry	10	6	60	2020			
		DSE-4	Inorganic Materials of Industrial Importance	9	6	54	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.67							Letter Grade in CGPA : A	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.49										

Date of Publication of Result : 29.10.2020

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

$$CGPA = \frac{\sum_{i=1}^N (G_i \times V_i)}{\sum_{i=1}^N V_i}$$

Anindya Zoti Pal
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or All semesters not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			

Grade Point Norms:

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage of Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



THE UNIVERSITY OF BURDWAN
B.Sc. 3 YEAR DEGREE HONOURS FINAL EXAMINATION 2020 UNDER CBCS
GRADE CARD

Name: SOURIN SEN

Honours: CHEMISTRY

Roll No. 170331000117

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	CHEMISTRY	CC-1	Organic Chemistry-I	7	6	42	2017	6.50	6.45	Q
		CC-2	Physical Chemistry-I	6	6	36	2017			
	MATHEMATICS	GE-1	Differential Calculus	6	6	36	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
II	CHEMISTRY	CC-3	Inorganic Chemistry-I	8	6	48	2018	8.00	7.90	Q
		CC-4	Organic Chemistry-II	8	6	48	2018			
	MATHEMATICS	GE-2	Differential Equations	7	6	42	2018			
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2018			
III	CHEMISTRY	CC-5	Physical Chemistry-II	7	6	42	2018	7.33	6.62	Q
		CC-6	Inorganic Chemistry-II	8	6	48	2018			
		CC-7	Organic Chemistry-III	7	6	42	2018			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	5	6	30	2018			
	CHEMISTRY	SEC-1	Basic Analytical Chemistry	5	2	10	2018			
IV	CHEMISTRY	CC-8	Physical Chemistry-III	4	6	24	2019	5.33	5.69	Q
		CC-9	Inorganic Chemistry-III	5	6	30	2019			
		CC-10	Organic Chemistry - IV	7	6	42	2019			
	PHYSICS	GE-4	Waves and Optics	6	6	36	2019			
	CHEMISTRY	SEC-2	Pharmaceutical Chemistry	8	2	16	2019			
V	CHEMISTRY	CC-11	Inorganic Chemistry-IV	6	6	36	2019	6.00	6.00	Q
		CC-12	Organic Chemistry-V	5	6	30	2019			
	CHEMISTRY	DSE-1	Advanced Physical Chemistry	6	6	36	2019			
		DSE-2	Analytical Methods in Chemistry	7	6	42	2019			
VI	CHEMISTRY	CC-13	Inorganic Chemistry-V	8	6	48	2020	8.75	8.75	Q
		CC-14	Physical Chemistry-IV	9	6	54	2020			
	CHEMISTRY	DSE-3	Green Chemistry	10	6	60	2020			
		DSE-4	Inorganic Materials of Industrial Importance	8	6	48	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.00							Letter Grade in CGPA : A		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 6.86										

Date of Publication of Result : 29.10.2020

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

$$CGPA = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or All semesters not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage of Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



THE UNIVERSITY OF BURDWAN
B.Sc. 3 YEAR DEGREE HONOURS FINAL EXAMINATION 2020 UNDER CBCS
GRADE CARD

Name: SOUVIK BHATTACHARYYA

Honours: CHEMISTRY

Roll No. 170331000118

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	CHEMISTRY	CC-1	Organic Chemistry-I	10	6	60	2017	9.00	8.00	Q
		CC-2	Physical Chemistry-I	8	6	48	2017			
	PHYSICS	GE-1	Mechanics	6	6	36	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2017			
II	CHEMISTRY	CC-3	Inorganic Chemistry-I	9	6	54	2018	8.50	8.20	Q
		CC-4	Organic Chemistry-II	8	6	48	2018			
	PHYSICS	GE-2	Electricity and Magnetism	7	6	42	2018			
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2018			
III	CHEMISTRY	CC-5	Physical Chemistry-II	8	6	48	2018	8.67	7.54	Q
		CC-6	Inorganic Chemistry-II	10	6	60	2018			
		CC-7	Organic Chemistry-III	8	6	48	2018			
	MATHEMATICS	GE-3	Real Analysis	4	6	24	2018			
	CHEMISTRY	SEC-1	Basic Analytical Chemistry	8	2	16	2018			
IV	CHEMISTRY	CC-8	Physical Chemistry-III	7	6	42	2019	7.33	7.23	Q
		CC-9	Inorganic Chemistry-III	8	6	48	2019			
		CC-10	Organic Chemistry - IV	7	6	42	2019			
	MATHEMATICS	GE-4	Algebra	6	6	36	2019			
	CHEMISTRY	SEC-2	Pharmaceutical Chemistry	10	2	20	2019			
V	CHEMISTRY	CC-11	Inorganic Chemistry-IV	7	6	42	2019	7.50	7.50	Q
		CC-12	Organic Chemistry-V	7	6	42	2019			
	CHEMISTRY	DSE-1	Advanced Physical Chemistry	7	6	42	2019			
		DSE-2	Analytical Methods in Chemistry	9	6	54	2019			
VI	CHEMISTRY	CC-13	Inorganic Chemistry-V	9	6	54	2020	9.25	9.25	Q
		CC-14	Physical Chemistry-IV	9	6	54	2020			
	CHEMISTRY	DSE-3	Green Chemistry	10	6	60	2020			
		DSE-4	Inorganic Materials of Industrial Importance	9	6	54	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.33							Letter Grade in CGPA : A+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.93										

Date of Publication of Result : 29.10.2020

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

$$CGPA = \frac{\sum_{i=1}^N (G_i \times V_i)}{\sum_{i=1}^N V_i}$$

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or All semesters not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			

Grade Point Norms:

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage of Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



THE UNIVERSITY OF BURDWAN
B.Sc. 3 YEAR DEGREE HONOURS FINAL EXAMINATION 2020 UNDER CBCS
GRADE CARD

Name: SOUVIK MANDI

Honours: ZOOLOGY

Roll No. 170331000119

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	ZOOLOGY	CC-1	Non-chordates I	7	6	42	2017	7.50	7.27	Q
		CC-2	Ecology	8	6	48	2017			
	PHYSIOLOGY	GE-1	Cellular Physiology, Biophysics, Biochemistry of Biomolecules	7	6	42	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
II	ZOOLOGY	CC-3	Non-chordates II	7	6	42	2018	6.00	6.30	Q
		CC-4	Cell Biology	5	6	30	2018			
	PHYSIOLOGY	GE-2	Digestion and Metabolism	6	6	36	2018			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
III	ZOOLOGY	CC-5	Chordates	6	6	36	2018	6.67	6.69	Q
		CC-6	Animal Physiology: Controlling and Coordinating Systems	6	6	36	2018			
		CC-7	Fundamentals of Biochemistry	8	6	48	2018			
	BOTANY	GE-3	Plant Anatomy and Embryology	7	6	42	2018			
	ZOOLOGY	SEC-1	Apiculture	6	2	12	2018			
IV	ZOOLOGY	CC-8	Comparative Anatomy of Vertebrates	6	6	36	2019	6.67	6.92	Q
		CC-9	Animal Physiology: Life Sustaining Systems	7	6	42	2019			
		CC-10	Immunology	7	6	42	2019			
	BOTANY	GE-4	Plant Physiology and Metabolism	8	6	48	2019			
	ZOOLOGY	SEC-2	Aquarium Fish Keeping	6	2	12	2019			
V	ZOOLOGY	CC-11	Molecular Biology	8	6	48	2019	7.50	7.50	Q
		CC-12	Genetics	7	6	42	2019			
	ZOOLOGY	DSE-1	Animal Biotechnology	7	6	42	2019			
		DSE-2	Parasitology	8	6	48	2019			
VI	ZOOLOGY	CC-13	Developmental Biology	9	6	54	2020	8.50	8.50	Q
		CC-14	Evolutionary Biology	8	6	48	2020			
	ZOOLOGY	DSE-3	Animal Behaviour	8	6	48	2020			
		DSE-4	Endocrinology	9	6	54	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.28							Letter Grade in CGPA : A		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.21										

Date of Publication of Result : 29.10.2020

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

$$CGPA = \frac{\sum_{i=1}^N (G_i \times V_i)}{\sum_{i=1}^N V_i}$$

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or All semesters not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage of Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



THE UNIVERSITY OF BURDWAN
B.Sc. 3 YEAR DEGREE HONOURS FINAL EXAMINATION 2020 UNDER CBCS
GRADE CARD

Name: SOUVIK MONDAL

Honours: PHYSIOLOGY

Roll No. 170331000120

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	PHYSIOLOGY	CC-1	Cellular Basis of Physiology	8	6	48	2017	8.00	7.73	Q
		CC-2	Biological Physics and Enzymes	8	6	48	2017			
	ZOOLOGY	GE-1	Animal Diversity	7	6	42	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2017			
II	PHYSIOLOGY	CC-3	Physiology of Nerve and Muscle Cells	9	6	54	2018	8.50	7.90	Q
		CC-4	Chemistry of Biomolecules	8	6	48	2018			
	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	6	6	36	2018			
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2018			
III	PHYSIOLOGY	CC-5	Circulating Body Fluids	8	6	48	2018	7.67	7.77	Q
		CC-6	Circulation	8	6	48	2018			
		CC-7	Functions of The Nervous System	7	6	42	2018			
	BOTANY	GE-3	Plant Anatomy and Embryology	8	6	48	2018			
	PHYSIOLOGY	SEC-1	Detection of Food Additives/Adulterants	8	2	16	2018			
IV	PHYSIOLOGY	CC-8	Energy Balance, Metabolism and Nutrition	8	6	48	2019	8.67	8.54	Q
		CC-9	Gastrointestinal Function	9	6	54	2019			
		CC-10	Respiration	9	6	54	2019			
	BOTANY	GE-4	Plant Physiology and Metabolism	8	6	48	2019			
	PHYSIOLOGY	SEC-2	Hematological Techniques	9	2	18	2019			
V	PHYSIOLOGY	CC-11	Special Senses	9	6	54	2019	9.25	9.25	Q
		CC-12	Endocrinology	9	6	54	2019			
	PHYSIOLOGY	DSE-1	Biological Statistics	9	6	54	2019			
		DSE-2	Sports and Exercise Physiology	10	6	60	2019			
VI	PHYSIOLOGY	CC-13	Reproduction	10	6	60	2020	9.75	9.75	Q
		CC-14	Formation and Excretion of Urine	9	6	54	2020			
	PHYSIOLOGY	DSE-3	Human Nutrition and Dietetics	10	6	60	2020			
		DSE-4	Toxicology	10	6	60	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.78							Letter Grade in CGPA : A+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.51										

Date of Publication of Result : 29.10.2020

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

$$CGPA = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or All semesters not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage of Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



THE UNIVERSITY OF BURDWAN
B.Sc. 3 YEAR DEGREE HONOURS FINAL EXAMINATION 2020 UNDER CBCS
GRADE CARD

Name: SOUVIK MONDAL

Honours: MICROBIOLOGY

Roll No. 170331000121

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MICROBIOLOGY	CC-1	Introduction to Microbiology and Microbial Diversity	6	6	36	2017	6.00	6.18	Q
		CC-2	Bacteriology	6	6	36	2017			
	BOTANY	GE-1	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	6	6	36	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
II	MICROBIOLOGY	CC-3	Biochemistry	9	6	54	2018	7.50	7.30	Q
		CC-4	Virology	6	6	36	2018			
	BOTANY	GE-2	Plant Ecology and Taxonomy	7	6	42	2018			
	Communicative English/MIL	AECC-2	Communicative English	7	2	14	2018			
III	MICROBIOLOGY	CC-5	Microbial Physiology & Metabolism	7	6	42	2018	6.33	6.31	Q
		CC-6	Cell Biology	6	6	36	2018			
		CC-7	Molecular Biology	6	6	36	2018			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	6	6	36	2018			
	MICROBIOLOGY	SEC-1	Microbial Diagnosis in Health Clinics	7	2	14	2018			
IV	MICROBIOLOGY	CC-8	Microbial Genetics	5	6	30	2019	6.00	6.23	Q
		CC-9	Environmental Microbiology	7	6	42	2019			
		CC-10	Food and Dairy Microbiology	6	6	36	2019			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2019			
	MICROBIOLOGY	SEC-2	Food Fermentation Techniques	6	2	12	2019			
V	MICROBIOLOGY	CC-11	Industrial Microbiology	6	6	36	2019	6.75	6.75	Q
		CC-12	Immunology	7	6	42	2019			
	MICROBIOLOGY	DSE-1	Microbes in Sustainable Agriculture and Development	7	6	42	2019			
		DSE-2	Instrumentation and Biotechniques	7	6	42	2019			
VI	MICROBIOLOGY	CC-13	Medical Microbiology	9	6	54	2020	8.50	8.50	Q
		CC-14	Recombinant DNA Technology	8	6	48	2020			
	MICROBIOLOGY	DSE-3	Advances in Microbiology	9	6	54	2020			
		DSE-4	Bio-Safety and Intellectual Property Rights	8	6	48	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 6.94							Letter Grade in CGPA : B+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 6.86										

Date of Publication of Result : 29.10.2020

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

$$CGPA = \frac{\sum_{i=1}^N (G_i \times V_i)}{\sum_{i=1}^N V_i}$$

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or All semesters not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			

Grade Point Norms:

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage of Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



THE UNIVERSITY OF BURDWAN
B.Sc. 3 YEAR DEGREE HONOURS FINAL EXAMINATION 2020 UNDER CBCS
GRADE CARD

Name: SUBHADEEP DAS

Honours: ZOOLOGY

Roll No. 170331000122

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	ZOOLOGY	CC-1	Non-chordates I	7	6	42	2017	7.50	7.18	Q
		CC-2	Ecology	8	6	48	2017			
	BOTANY	GE-1	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	6	6	36	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2017			
II	ZOOLOGY	CC-3	Non-chordates II	6	6	36	2018	6.00	6.70	Q
		CC-4	Cell Biology	6	6	36	2018			
	BOTANY	GE-2	Plant Ecology and Taxonomy	7	6	42	2018			
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2018			
III	ZOOLOGY	CC-5	Chordates	7	6	42	2019	6.33	6.23	Q
		CC-6	Animal Physiology: Controlling and Coordinating Systems	7	6	42	2019			
		CC-7	Fundamentals of Biochemistry	5	6	30	2019			
	PHYSIOLOGY	GE-3	Respiratory and Cardiovascular Physiology	6	6	36	2019			
	ZOOLOGY	SEC-1	Apiculture	6	2	12	2019			
IV	ZOOLOGY	CC-8	Comparative Anatomy of Vertebrates	5	6	30	2019	5.67	5.92	Q
		CC-9	Animal Physiology: Life Sustaining Systems	6	6	36	2019			
		CC-10	Immunology	6	6	36	2019			
	PHYSIOLOGY	GE-4	Endocrinology, Renal Physiology, Skin and Body Temperature Regulation	7	6	42	2019			
	ZOOLOGY	SEC-2	Aquarium Fish Keeping	5	2	10	2019			
V	ZOOLOGY	CC-11	Molecular Biology	6	6	36	2019	6.00	6.00	Q
		CC-12	Genetics	6	6	36	2019			
	ZOOLOGY	DSE-1	Animal Biotechnology	5	6	30	2019			
		DSE-2	Parasitology	7	6	42	2019			
VI	ZOOLOGY	CC-13	Developmental Biology	8	6	48	2020	8.50	8.50	Q
		CC-14	Evolutionary Biology	9	6	54	2020			
	ZOOLOGY	DSE-3	Animal Behaviour	8	6	48	2020			
		DSE-4	Endocrinology	9	6	54	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 6.72							Letter Grade in CGPA : B+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 6.73										

Date of Publication of Result : 29.10.2020

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

$$CGPA = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

Anindya Zoti Pal
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or All semesters not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage of Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



THE UNIVERSITY OF BURDWAN
B.Sc. 3 YEAR DEGREE HONOURS FINAL EXAMINATION 2020 UNDER CBCS
GRADE CARD

Name: SUBRATA BANERJEE

Honours: BOTANY

Roll No. 170331000123

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	BOTANY	CC-1	Microbiology and Phycology	5	6	30	2017	5.50	5.82	Q
		CC-2	Archegoniatae	6	6	36	2017			
	ZOOLOGY	GE-1	Animal Diversity	5	6	30	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2017			
II	BOTANY	CC-3	Mycology and Phytopathology	NA	6	NA				SNC
		CC-4	Morphology and Anatomy of Angiosperms	4	6	24	2018			
	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	5	6	30	2018			
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2018			
III	BOTANY	CC-5	Plant Ecology and Phytogeography	6	6	36	2018	6.67	6.31	Q
		CC-6	Plant Systematics	7	6	42	2018			
		CC-7	Economic Botany	7	6	42	2018			
	PHYSIOLOGY	GE-3	Respiratory and Cardiovascular Physiology	6	6	36	2018			
	BOTANY	SEC-1	Agricultural Botany	4	2	8	2018			
IV	BOTANY	CC-8	Palaeobotany & Palynology	8	6	48	2019	7.33	7.23	Q
		CC-9	Biomolecules and Cell Biology	7	6	42	2019			
		CC-10	Molecular Biology	7	6	42	2019			
	PHYSIOLOGY	GE-4	Endocrinology, Renal Physiology, Skin and Body Temperature Regulation	7	6	42	2019			
	BOTANY	SEC-2	Biofertilizers	7	2	14	2019			
V	BOTANY	CC-11	Plant Physiology	8	6	48	2019	8.00	8.00	Q
		CC-12	Plant Metabolism	8	6	48	2019			
	BOTANY	DSE-1	Reproductive Biology of Angiosperms	8	6	48	2019			
		DSE-2	Bioinformatics	8	6	48	2019			
VI	BOTANY	CC-13	Genetics & Plant Breeding	9	6	54	2020	8.25	8.25	Q
		CC-14	Plant Biotechnology	8	6	48	2020			
	BOTANY	DSE-3	Plant Evolution & Biodiversity	8	6	48	2020			
		DSE-4	Industrial and Environmental Microbiology	8	6	48	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs :							Letter Grade in CGPA :		Result : PNC	
CGPA (Cumulative Grade Point Average) on the basis of All Courses :										

Date of Publication of Result : 29.10.2020

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

$$CGPA = \frac{\sum_{i=1}^N (G_i \times V_i)}{\sum_{i=1}^N V_i}$$

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or All semesters not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage of Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



THE UNIVERSITY OF BURDWAN
B.Sc. 3 YEAR DEGREE HONOURS FINAL EXAMINATION 2020 UNDER CBCS
GRADE CARD

Name: SUDIP MONDAL

Honours: CHEMISTRY

Roll No. 170331000124

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	CHEMISTRY	CC-1	Organic Chemistry-I	9	6	54	2017	8.00	7.27	Q
		CC-2	Physical Chemistry-I	7	6	42	2017			
	PHYSICS	GE-1	Mechanics	6	6	36	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
II	CHEMISTRY	CC-3	Inorganic Chemistry-I	7	6	42	2018	7.00	6.70	Q
		CC-4	Organic Chemistry-II	7	6	42	2018			
	PHYSICS	GE-2	Electricity and Magnetism	6	6	36	2018			
	Communicative English/MIL	AECC-2	Communicative English	7	2	14	2018			
III	CHEMISTRY	CC-5	Physical Chemistry-II	6	6	36	2018	7.33	6.46	Q
		CC-6	Inorganic Chemistry-II	8	6	48	2018			
		CC-7	Organic Chemistry-III	8	6	48	2018			
	MATHEMATICS	GE-3	Real Analysis	4	6	24	2018			
	CHEMISTRY	SEC-1	Basic Analytical Chemistry	6	2	12	2018			
IV	CHEMISTRY	CC-8	Physical Chemistry-III	5	6	30	2019	6.00	6.46	Q
		CC-9	Inorganic Chemistry-III	7	6	42	2019			
		CC-10	Organic Chemistry - IV	6	6	36	2019			
	MATHEMATICS	GE-4	Algebra	7	6	42	2019			
	CHEMISTRY	SEC-2	Pharmaceutical Chemistry	9	2	18	2019			
V	CHEMISTRY	CC-11	Inorganic Chemistry-IV	6	6	36	2019	6.75	6.75	Q
		CC-12	Organic Chemistry-V	7	6	42	2019			
	CHEMISTRY	DSE-1	Advanced Physical Chemistry	6	6	36	2019			
		DSE-2	Analytical Methods in Chemistry	8	6	48	2019			
VI	CHEMISTRY	CC-13	Inorganic Chemistry-V	9	6	54	2020	9.25	9.25	Q
		CC-14	Physical Chemistry-IV	9	6	54	2020			
	CHEMISTRY	DSE-3	Green Chemistry	10	6	60	2020			
		DSE-4	Inorganic Materials of Industrial Importance	9	6	54	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.44							Letter Grade in CGPA : A	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.14										

Date of Publication of Result : 29.10.2020

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

$$CGPA = \frac{\sum_{i=1}^N (G_i \times V_i)}{\sum_{i=1}^N V_i}$$

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or All semesters not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage of Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



THE UNIVERSITY OF BURDWAN
B.Sc. 3 YEAR DEGREE HONOURS FINAL EXAMINATION 2020 UNDER CBCS
GRADE CARD

Name: SUDIPTA BHATTACHARYA

Honours: MATHEMATICS

Roll No. 170331000125

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	6	6	36	2017	5.50	5.64	Q
		CC-2	Algebra	5	6	30	2017			
	PHYSICS	GE-1	Mechanics	5	6	30	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
II	MATHEMATICS	CC-3	Real Analysis	7	6	42	2018	6.50	6.70	Q
		CC-4	Differential Equations and Vector Calculus	6	6	36	2018			
	PHYSICS	GE-2	Electricity and Magnetism	6	6	36	2018			
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2018			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	NA	6	NA				SNC
		CC-6	Group Theory I	4	6	24	2018			
		CC-7	Numerical Methods	6	6	36	2018			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	7	6	42	2018			
	MATHEMATICS	SEC-1	Logic and Sets	8	2	16	2018			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	6	6	36	2019	4.67	5.31	Q
		CC-9	Multivariate Calculus	4	6	24	2019			
		CC-10	Ring Theory and Linear Algebra I	4	6	24	2019			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	6	6	36	2019			
	MATHEMATICS	SEC-2	Graph Theory	9	2	18	2019			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	5	6	30	2019	5.00	5.00	Q
		CC-12	Mechanics I	5	6	30	2019			
	MATHEMATICS	DSE-1	Linear Programming	4	6	24	2019			
		DSE-2	Probability & Statistics	6	6	36	2019			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2020	10.00	10.00	Q
		CC-14	Ring Theory and Linear Algebra II	10	6	60	2020			
	MATHEMATICS	DSE-3	Project Work	10	6	60	2020			
		DSE-4	Mechanics II	10	6	60	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs :							Letter Grade in CGPA :		Result : PNC	
CGPA (Cumulative Grade Point Average) on the basis of All Courses :										

Date of Publication of Result : 29.10.2020

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

$$CGPA = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or All semesters not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage of Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



THE UNIVERSITY OF BURDWAN
B.Sc. 3 YEAR DEGREE HONOURS FINAL EXAMINATION 2020 UNDER CBCS
GRADE CARD

Name: SUMIT DUTTA

Honours: MATHEMATICS

Roll No. 170331000126

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	7	6	42	2017	6.50	6.73	Q
		CC-2	Algebra	6	6	36	2017			
	PHYSICS	GE-1	Mechanics	7	6	42	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
II	MATHEMATICS	CC-3	Real Analysis	8	6	48	2018	6.00	6.40	Q
		CC-4	Differential Equations and Vector Calculus	4	6	24	2018			
	PHYSICS	GE-2	Electricity and Magnetism	6	6	36	2018			
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2018			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	8	6	48	2018	6.67	6.92	Q
		CC-6	Group Theory I	5	6	30	2018			
		CC-7	Numerical Methods	7	6	42	2018			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	7	6	42	2018			
	MATHEMATICS	SEC-1	Logic and Sets	9	2	18	2018			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	9	6	54	2019	6.67	7.00	Q
		CC-9	Multivariate Calculus	6	6	36	2019			
		CC-10	Ring Theory and Linear Algebra I	5	6	30	2019			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2019			
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2019			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	9	6	54	2019	7.00	7.00	Q
		CC-12	Mechanics I	5	6	30	2019			
	MATHEMATICS	DSE-1	Linear Programming	6	6	36	2019			
		DSE-2	Probability & Statistics	8	6	48	2019			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2020	10.00	10.00	Q
		CC-14	Ring Theory and Linear Algebra II	10	6	60	2020			
	MATHEMATICS	DSE-3	Project Work	10	6	60	2020			
		DSE-4	Mechanics II	10	6	60	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.39							Letter Grade in CGPA : A		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.37										

Date of Publication of Result : 29.10.2020

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

$$CGPA = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or All semesters not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage of Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



THE UNIVERSITY OF BURDWAN
B.Sc. 3 YEAR DEGREE HONOURS FINAL EXAMINATION 2020 UNDER CBCS
GRADE CARD

Name: SUMIT ROOJ

Honours: PHYSICS

Roll No. 170331000127

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	PHYSICS	CC-1	Mathematical Physics-I	7	6	42	2017	7.50	7.82	Q
		CC-2	Mechanics	8	6	48	2017			
	MATHEMATICS	GE-1	Differential Calculus	9	6	54	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
II	PHYSICS	CC-3	Electricity and Magnetism	8	6	48	2018	7.50	8.40	Q
		CC-4	Waves and Optics	7	6	42	2018			
	MATHEMATICS	GE-2	Differential Equations	10	6	60	2018			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
III	PHYSICS	CC-5	Mathematical Physics-II	7	6	42	2018	8.33	8.00	Q
		CC-6	Thermal Physics	9	6	54	2018			
		CC-7	Digital Systems and Applications	9	6	54	2018			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	7	6	42	2018			
	PHYSICS	SEC-1	Renewable Energy and Energy Harvesting	8	2	16	2018			
IV	PHYSICS	CC-8	Mathematical Physics-III	7	6	42	2019	7.33	7.08	Q
		CC-9	Elements of Modern Physics	7	6	42	2019			
		CC-10	Analog Systems & Applications	8	6	48	2019			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	6	6	36	2019			
	PHYSICS	SEC-2	Electrical Circuits and Network Skills	8	2	16	2019			
V	PHYSICS	CC-11	Quantum Mechanics and Applications	7	6	42	2019	6.75	6.75	Q
		CC-12	Solid State Physics	8	6	48	2019			
	PHYSICS	DSE-1	Advanced Mathematical Physics	7	6	42	2019			
		DSE-2	Classical Dynamics	5	6	30	2019			
VI	PHYSICS	CC-13	Electromagnetic Theory	9	6	54	2020	8.50	8.50	Q
		CC-14	Statistical Mechanics	8	6	48	2020			
	PHYSICS	DSE-3	Nuclear and Particle Physics	8	6	48	2020			
		DSE-4	Astronomy and Astrophysics	9	6	54	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.67							Letter Grade in CGPA : A		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.73										

Date of Publication of Result : 29.10.2020

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

$$CGPA = \frac{\sum_{i=1}^N (G_i \times V_i)}{\sum_{i=1}^N V_i}$$

Anindya Jyoti Pal
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or All semesters not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage of Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



THE UNIVERSITY OF BURDWAN
B.Sc. 3 YEAR DEGREE HONOURS FINAL EXAMINATION 2020 UNDER CBCS
GRADE CARD

Name: SUNANDA SINHA

Honours: CHEMISTRY

Roll No. 170331000128

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	CHEMISTRY	CC-1	Organic Chemistry-I	9	6	54	2017	8.00	7.55	Q
		CC-2	Physical Chemistry-I	7	6	42	2017			
	MATHEMATICS	GE-1	Differential Calculus	7	6	42	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
II	CHEMISTRY	CC-3	Inorganic Chemistry-I	7	6	42	2018	7.50	7.80	Q
		CC-4	Organic Chemistry-II	8	6	48	2018			
	MATHEMATICS	GE-2	Differential Equations	8	6	48	2018			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
III	CHEMISTRY	CC-5	Physical Chemistry-II	7	6	42	2018	8.00	8.23	Q
		CC-6	Inorganic Chemistry-II	9	6	54	2018			
		CC-7	Organic Chemistry-III	8	6	48	2018			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	9	6	54	2018			
	CHEMISTRY	SEC-1	Basic Analytical Chemistry	8	2	16	2018			
IV	CHEMISTRY	CC-8	Physical Chemistry-III	7	6	42	2019	7.67	7.62	Q
		CC-9	Inorganic Chemistry-III	8	6	48	2019			
		CC-10	Organic Chemistry - IV	8	6	48	2019			
	PHYSICS	GE-4	Waves and Optics	7	6	42	2019			
	CHEMISTRY	SEC-2	Pharmaceutical Chemistry	9	2	18	2019			
V	CHEMISTRY	CC-11	Inorganic Chemistry-IV	9	6	54	2019	8.50	8.50	Q
		CC-12	Organic Chemistry-V	8	6	48	2019			
	CHEMISTRY	DSE-1	Advanced Physical Chemistry	8	6	48	2019			
		DSE-2	Analytical Methods in Chemistry	9	6	54	2019			
VI	CHEMISTRY	CC-13	Inorganic Chemistry-V	9	6	54	2020	9.25	9.25	Q
		CC-14	Physical Chemistry-IV	9	6	54	2020			
	CHEMISTRY	DSE-3	Green Chemistry	10	6	60	2020			
		DSE-4	Inorganic Materials of Industrial Importance	9	6	54	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.28							Letter Grade in CGPA : A+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.17										

Date of Publication of Result : 29.10.2020

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

$$CGPA = \frac{\sum_{i=1}^N (G_i \times V_i)}{\sum_{i=1}^N V_i}$$

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or All semesters not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			

Grade Point Norms:

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage of Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



THE UNIVERSITY OF BURDWAN
B.Sc. 3 YEAR DEGREE HONOURS FINAL EXAMINATION 2020 UNDER CBCS
GRADE CARD

Name: SUNITA GHOSH

Honours: BOTANY

Roll No. 170331000129

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	BOTANY	CC-1	Microbiology and Phycology	7	6	42	2017	7.50	7.45	Q
		CC-2	Archegoniatae	8	6	48	2017			
	ZOOLOGY	GE-1	Animal Diversity	7	6	42	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2017			
II	BOTANY	CC-3	Mycology and Phytopathology	6	6	36	2018	6.00	6.70	Q
		CC-4	Morphology and Anatomy of Angiosperms	6	6	36	2018			
	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	7	6	42	2018			
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2018			
III	BOTANY	CC-5	Plant Ecology and Phytogeography	7	6	42	2018	7.67	7.31	Q
		CC-6	Plant Systematics	8	6	48	2018			
		CC-7	Economic Botany	8	6	48	2018			
	PHYSIOLOGY	GE-3	Respiratory and Cardiovascular Physiology	7	6	42	2018			
	BOTANY	SEC-1	Agricultural Botany	5	2	10	2018			
IV	BOTANY	CC-8	Palaeobotany & Palynology	9	6	54	2019	8.00	7.69	Q
		CC-9	Biomolecules and Cell Biology	8	6	48	2019			
		CC-10	Molecular Biology	7	6	42	2019			
	PHYSIOLOGY	GE-4	Endocrinology, Renal Physiology, Skin and Body Temperature Regulation	7	6	42	2019			
	BOTANY	SEC-2	Biofertilizers	7	2	14	2019			
V	BOTANY	CC-11	Plant Physiology	8	6	48	2019	8.00	8.00	Q
		CC-12	Plant Metabolism	8	6	48	2019			
	BOTANY	DSE-1	Reproductive Biology of Angiosperms	8	6	48	2019			
		DSE-2	Bioinformatics	8	6	48	2019			
VI	BOTANY	CC-13	Genetics & Plant Breeding	8	6	48	2020	8.25	8.25	Q
		CC-14	Plant Biotechnology	9	6	54	2020			
	BOTANY	DSE-3	Plant Evolution & Biodiversity	8	6	48	2020			
		DSE-4	Industrial and Environmental Microbiology	8	6	48	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.72							Letter Grade in CGPA : A	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.59										

Date of Publication of Result : 29.10.2020

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

$$CGPA = \frac{\sum_{i=1}^N (G_i \times V_i)}{\sum_{i=1}^N V_i}$$

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or All semesters not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage of Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



THE UNIVERSITY OF BURDWAN
B.Sc. 3 YEAR DEGREE HONOURS FINAL EXAMINATION 2020 UNDER CBCS
GRADE CARD

Name: SUPRITY CHATTERJEE

Honours: BOTANY

Roll No. 170331000130

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	BOTANY	CC-1	Microbiology and Phycology	7	6	42	2017	7.50	7.27	Q
		CC-2	Archegoniatae	8	6	48	2017			
	ZOOLOGY	GE-1	Animal Diversity	7	6	42	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
II	BOTANY	CC-3	Mycology and Phytopathology	7	6	42	2018	7.00	7.20	Q
		CC-4	Morphology and Anatomy of Angiosperms	7	6	42	2018			
	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	7	6	42	2018			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
III	BOTANY	CC-5	Plant Ecology and Phytogeography	7	6	42	2018	8.00	7.46	Q
		CC-6	Plant Systematics	9	6	54	2018			
		CC-7	Economic Botany	8	6	48	2018			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	6	6	36	2018			
	BOTANY	SEC-1	Agricultural Botany	7	2	14	2018			
IV	BOTANY	CC-8	Palaeobotany & Palynology	9	6	54	2019	8.00	7.77	Q
		CC-9	Biomolecules and Cell Biology	8	6	48	2019			
		CC-10	Molecular Biology	7	6	42	2019			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2019			
	BOTANY	SEC-2	Biofertilizers	8	2	16	2019			
V	BOTANY	CC-11	Plant Physiology	9	6	54	2019	8.25	8.25	Q
		CC-12	Plant Metabolism	8	6	48	2019			
	BOTANY	DSE-1	Reproductive Biology of Angiosperms	8	6	48	2019			
		DSE-2	Bioinformatics	8	6	48	2019			
VI	BOTANY	CC-13	Genetics & Plant Breeding	9	6	54	2020	8.75	8.75	Q
		CC-14	Plant Biotechnology	9	6	54	2020			
	BOTANY	DSE-3	Plant Evolution & Biodiversity	8	6	48	2020			
		DSE-4	Industrial and Environmental Microbiology	9	6	54	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.06							Letter Grade in CGPA : A+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.80										

Date of Publication of Result : 29.10.2020

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

$$CGPA = \frac{\sum_{i=1}^N (G_i \times V_i)}{\sum_{i=1}^N V_i}$$

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
	CGPA	Letter Grade	CGPA	Letter Grade	
CC – Core Course					Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or All semesters not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage of Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



THE UNIVERSITY OF BURDWAN
B.Sc. 3 YEAR DEGREE HONOURS FINAL EXAMINATION 2020 UNDER CBCS
GRADE CARD

Name: SUSMITA BARICK

Honours: MATHEMATICS

Roll No. 170331000131

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	7	6	42	2017	6.50	6.45	Q
		CC-2	Algebra	6	6	36	2017			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	6	6	36	2017			
		AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
II	MATHEMATICS	CC-3	Real Analysis	8	6	48	2018	8.00	7.60	Q
		CC-4	Differential Equations and Vector Calculus	8	6	48	2018			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	7	6	42	2018			
		AECC-2	Bengali	7	2	14	2018			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	6	6	36	2018	7.00	6.62	Q
		CC-6	Group Theory I	7	6	42	2018			
		CC-7	Numerical Methods	8	6	48	2018			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	5	6	30	2018			
	MATHEMATICS	SEC-1	Logic and Sets	8	2	16	2018			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	9	6	54	2019	8.00	7.92	Q
		CC-9	Multivariate Calculus	8	6	48	2019			
		CC-10	Ring Theory and Linear Algebra I	7	6	42	2019			
	PHYSICS	GE-4	Waves and Optics	7	6	42	2019			
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2019			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	10	6	60	2019	8.50	8.50	Q
		CC-12	Mechanics I	8	6	48	2019			
	MATHEMATICS	DSE-1	Linear Programming	8	6	48	2019			
		DSE-2	Probability & Statistics	8	6	48	2019			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2020	10.00	10.00	Q
		CC-14	Ring Theory and Linear Algebra II	10	6	60	2020			
	MATHEMATICS	DSE-3	Project Work	10	6	60	2020			
		DSE-4	Mechanics II	10	6	60	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.22							Letter Grade in CGPA : A+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.86										

Date of Publication of Result : 29.10.2020

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

$$CGPA = \frac{\sum_{i=1}^N (G_i \times V_i)}{\sum_{i=1}^N V_i}$$

Anindya Jyoti Pal
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or All semesters not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage of Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



THE UNIVERSITY OF BURDWAN
B.Sc. 3 YEAR DEGREE HONOURS FINAL EXAMINATION 2020 UNDER CBCS
GRADE CARD

Name: SUTAPA SAHA

Honours: CHEMISTRY

Roll No. 170331000132

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	CHEMISTRY	CC-1	Organic Chemistry-I	9	6	54	2017	8.50	7.82	Q
		CC-2	Physical Chemistry-I	8	6	48	2017			
	PHYSICS	GE-1	Mechanics	7	6	42	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
II	CHEMISTRY	CC-3	Inorganic Chemistry-I	8	6	48	2018	8.00	8.20	Q
		CC-4	Organic Chemistry-II	8	6	48	2018			
	PHYSICS	GE-2	Electricity and Magnetism	8	6	48	2018			
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2018			
III	CHEMISTRY	CC-5	Physical Chemistry-II	9	6	54	2018	9.00	8.69	Q
		CC-6	Inorganic Chemistry-II	9	6	54	2018			
		CC-7	Organic Chemistry-III	9	6	54	2018			
	MATHEMATICS	GE-3	Real Analysis	8	6	48	2018			
	CHEMISTRY	SEC-1	Basic Analytical Chemistry	8	2	16	2018			
IV	CHEMISTRY	CC-8	Physical Chemistry-III	6	6	36	2019	7.67	8.31	Q
		CC-9	Inorganic Chemistry-III	9	6	54	2019			
		CC-10	Organic Chemistry - IV	8	6	48	2019			
	MATHEMATICS	GE-4	Algebra	10	6	60	2019			
	CHEMISTRY	SEC-2	Pharmaceutical Chemistry	9	2	18	2019			
V	CHEMISTRY	CC-11	Inorganic Chemistry-IV	8	6	48	2019	8.00	8.00	Q
		CC-12	Organic Chemistry-V	7	6	42	2019			
	CHEMISTRY	DSE-1	Advanced Physical Chemistry	9	6	54	2019			
		DSE-2	Analytical Methods in Chemistry	8	6	48	2019			
VI	CHEMISTRY	CC-13	Inorganic Chemistry-V	8	6	48	2020	8.75	8.75	Q
		CC-14	Physical Chemistry-IV	9	6	54	2020			
	CHEMISTRY	DSE-3	Green Chemistry	9	6	54	2020			
		DSE-4	Inorganic Materials of Industrial Importance	9	6	54	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.33							Letter Grade in CGPA : A+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.31										

Date of Publication of Result : 29.10.2020

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

$$CGPA = \frac{\sum_{i=1}^N (G_i \times V_i)}{\sum_{i=1}^N V_i}$$

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or All semesters not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			

Grade Point Norms:

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage of Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



THE UNIVERSITY OF BURDWAN
B.Sc. 3 YEAR DEGREE HONOURS FINAL EXAMINATION 2020 UNDER CBCS
GRADE CARD

Name: SWADHIN DAS

Honours: CHEMISTRY

Roll No. 170331000133

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	CHEMISTRY	CC-1	Organic Chemistry-I	7	6	42	2017	6.50	6.73	Q
		CC-2	Physical Chemistry-I	6	6	36	2017			
	MATHEMATICS	GE-1	Differential Calculus	7	6	42	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
II	CHEMISTRY	CC-3	Inorganic Chemistry-I	7	6	42	2018	6.00	6.40	Q
		CC-4	Organic Chemistry-II	5	6	30	2018			
	MATHEMATICS	GE-2	Differential Equations	7	6	42	2018			
	Communicative English/MIL	AECC-2	Communicative English	7	2	14	2018			
III	CHEMISTRY	CC-5	Physical Chemistry-II	6	6	36	2018			SNC
		CC-6	Inorganic Chemistry-II	NC	6	NC				
		CC-7	Organic Chemistry-III	NC	6	NC				
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	NC	6	NC				
	CHEMISTRY	SEC-1	Basic Analytical Chemistry	6	2	12	2018			
IV	CHEMISTRY	CC-8	Physical Chemistry-III	5	6	30	2019	5.33	5.77	Q
		CC-9	Inorganic Chemistry-III	5	6	30	2019			
		CC-10	Organic Chemistry - IV	6	6	36	2019			
	PHYSICS	GE-4	Waves and Optics	6	6	36	2019			
CHEMISTRY	SEC-2	Pharmaceutical Chemistry	9	2	18	2019				
V	CHEMISTRY	CC-11	Inorganic Chemistry-IV	6	6	36	2019	6.00	6.00	Q
		CC-12	Organic Chemistry-V	5	6	30	2019			
	CHEMISTRY	DSE-1	Advanced Physical Chemistry	6	6	36	2019			
		DSE-2	Analytical Methods in Chemistry	7	6	42	2019			
VI	CHEMISTRY	CC-13	Inorganic Chemistry-V	8	6	48	2020	8.50	8.50	Q
		CC-14	Physical Chemistry-IV	9	6	54	2020			
	CHEMISTRY	DSE-3	Green Chemistry	9	6	54	2020			
		DSE-4	Inorganic Materials of Industrial Importance	8	6	48	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs :							Letter Grade in CGPA :		Result : PNC	
CGPA (Cumulative Grade Point Average) on the basis of All Courses :										

Date of Publication of Result : 29.10.2020

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

$$CGPA = \frac{\sum_{i=1}^N (G_i \times V_i)}{\sum_{i=1}^N V_i}$$

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or All semesters not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			

Grade Point Norms:

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage of Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



THE UNIVERSITY OF BURDWAN
B.Sc. 3 YEAR DEGREE HONOURS FINAL EXAMINATION 2020 UNDER CBCS
GRADE CARD

Name: SWARNENDU MAHARA

Honours: BOTANY

Roll No. 170331000134

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	BOTANY	CC-1	Microbiology and Phycology	8	6	48	2017	8.50	8.27	Q
		CC-2	Archegoniatae	9	6	54	2017			
	ZOOLOGY	GE-1	Animal Diversity	8	6	48	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2017			
II	BOTANY	CC-3	Mycology and Phytopathology	9	6	54	2018	9.00	9.10	Q
		CC-4	Morphology and Anatomy of Angiosperms	9	6	54	2018			
	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	9	6	54	2018			
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2018			
III	BOTANY	CC-5	Plant Ecology and Phytogeography	9	6	54	2018	8.67	8.00	Q
		CC-6	Plant Systematics	9	6	54	2018			
		CC-7	Economic Botany	8	6	48	2018			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	6	6	36	2018			
	BOTANY	SEC-1	Agricultural Botany	8	2	16	2018			
IV	BOTANY	CC-8	Palaeobotany & Palynology	10	6	60	2019	9.33	9.00	Q
		CC-9	Biomolecules and Cell Biology	9	6	54	2019			
		CC-10	Molecular Biology	9	6	54	2019			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	8	6	48	2019			
	BOTANY	SEC-2	Biofertilizers	9	2	18	2019			
V	BOTANY	CC-11	Plant Physiology	9	6	54	2019	9.00	9.00	Q
		CC-12	Plant Metabolism	9	6	54	2019			
	BOTANY	DSE-1	Reproductive Biology of Angiosperms	9	6	54	2019			
		DSE-2	Bioinformatics	9	6	54	2019			
VI	BOTANY	CC-13	Genetics & Plant Breeding	9	6	54	2020	9.00	9.00	Q
		CC-14	Plant Biotechnology	9	6	54	2020			
	BOTANY	DSE-3	Plant Evolution & Biodiversity	9	6	54	2020			
		DSE-4	Industrial and Environmental Microbiology	9	6	54	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.94							Letter Grade in CGPA : A+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.72										

Date of Publication of Result : 29.10.2020

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

$$CGPA = \frac{\sum_{i=1}^N (G_i \times V_i)}{\sum_{i=1}^N V_i}$$

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
	CGPA	Letter Grade	CGPA	Letter Grade	
CC – Core Course					Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or All semesters not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage of Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



THE UNIVERSITY OF BURDWAN
B.Sc. 3 YEAR DEGREE HONOURS FINAL EXAMINATION 2020 UNDER CBCS
GRADE CARD

Name: VASKAR NANDAN

Honours: MATHEMATICS

Roll No. 170331000136

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	6	6	36	2017	5.50	6.45	Q
		CC-2	Algebra	5	6	30	2017			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	8	6	48	2017			
		ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28			
II	MATHEMATICS	CC-3	Real Analysis	7	6	42	2018	7.50	7.50	Q
		CC-4	Differential Equations and Vector Calculus	8	6	48	2018			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	7	6	42	2018			
		Communicative English/MIL	AECC-2	Bengali	9	2	18			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	6	6	36	2018	5.67	6.23	Q
		CC-6	Group Theory I	5	6	30	2018			
		CC-7	Numerical Methods	6	6	36	2018			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	7	6	42	2018			
	MATHEMATICS	SEC-1	Logic and Sets	9	2	18	2018			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	9	6	54	2019	7.33	7.69	Q
		CC-9	Multivariate Calculus	5	6	30	2019			
		CC-10	Ring Theory and Linear Algebra I	8	6	48	2019			
	PHYSICS	GE-4	Waves and Optics	8	6	48	2019			
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2019			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	10	6	60	2019	8.00	8.00	Q
		CC-12	Mechanics I	7	6	42	2019			
	MATHEMATICS	DSE-1	Linear Programming	8	6	48	2019			
		DSE-2	Probability & Statistics	7	6	42	2019			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	9	6	54	2020	9.75	9.75	Q
		CC-14	Ring Theory and Linear Algebra II	10	6	60	2020			
	MATHEMATICS	DSE-3	Project Work	10	6	60	2020			
		DSE-4	Mechanics II	10	6	60	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.56							Letter Grade in CGPA : A		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.61										

Date of Publication of Result : 29.10.2020

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

$$CGPA = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

Anindya Jyoti Pal
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or All semesters not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage of Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



THE UNIVERSITY OF BURDWAN
B.Sc. 3 YEAR DEGREE HONOURS FINAL EXAMINATION 2020 UNDER CBCS
GRADE CARD

Name: YEFTE SUM REZA

Honours: BOTANY

Roll No. 170331000137

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	BOTANY	CC-1	Microbiology and Phycology	7	6	42	2017	7.50	7.27	Q
		CC-2	Archegoniatae	8	6	48	2017			
	ZOOLOGY	GE-1	Animal Diversity	7	6	42	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
II	BOTANY	CC-3	Mycology and Phytopathology	5	6	30	2018	5.50	6.40	Q
		CC-4	Morphology and Anatomy of Angiosperms	6	6	36	2018			
	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	7	6	42	2018			
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2018			
III	BOTANY	CC-5	Plant Ecology and Phytogeography	6	6	36	2018	6.67	6.38	Q
		CC-6	Plant Systematics	7	6	42	2018			
		CC-7	Economic Botany	7	6	42	2018			
	PHYSIOLOGY	GE-3	Respiratory and Cardiovascular Physiology	6	6	36	2018			
	BOTANY	SEC-1	Agricultural Botany	5	2	10	2018			
IV	BOTANY	CC-8	Palaeobotany & Palynology	7	6	42	2019	6.33	6.38	Q
		CC-9	Biomolecules and Cell Biology	6	6	36	2019			
		CC-10	Molecular Biology	6	6	36	2019			
	PHYSIOLOGY	GE-4	Endocrinology, Renal Physiology, Skin and Body Temperature Regulation	7	6	42	2019			
	BOTANY	SEC-2	Biofertilizers	5	2	10	2019			
V	BOTANY	CC-11	Plant Physiology	7	6	42	2019	7.50	7.50	Q
		CC-12	Plant Metabolism	8	6	48	2019			
	BOTANY	DSE-1	Reproductive Biology of Angiosperms	8	6	48	2019			
		DSE-2	Bioinformatics	7	6	42	2019			
VI	BOTANY	CC-13	Genetics & Plant Breeding	8	6	48	2020	7.75	7.75	Q
		CC-14	Plant Biotechnology	8	6	48	2020			
	BOTANY	DSE-3	Plant Evolution & Biodiversity	7	6	42	2020			
		DSE-4	Industrial and Environmental Microbiology	8	6	48	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.00							Letter Grade in CGPA : A		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 6.94										

Date of Publication of Result : 29.10.2020

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

$$CGPA = \frac{\sum_{i=1}^N (G_i \times V_i)}{\sum_{i=1}^N V_i}$$

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or All semesters not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.

Grade Point Norms:

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage of Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs