



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE GENERAL FINAL EXAMINATION 2022 UNDER CBCS
GRADE CARD

Name : **BISWARUP CHOUDHURY**Roll No. **180631010008**

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of All Courses	Result Code
I	PHYSICS	CC-1A	Mechanics	5	6	30	2018	6.00	Q
	CHEMISTRY	CC-2A	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	6	6	36	2018		
	MATHEMATICS	CC-3A	Differential Calculus	7	6	42	2019		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2018		
II	PHYSICS	CC-1B	Electricity and Magnetism	8	6	48	2020	7.50	Q
	CHEMISTRY	CC-2B	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	7	6	42	2020		
	MATHEMATICS	CC-3B	Differential Equations	8	6	48	2020		
	Communicative English/MIL	AECC-2	Bengali	6	2	12	2020		
III	PHYSICS	CC-1C	Thermal Physics and Statistical Mechanics	9	6	54	2020	8.80	Q
	CHEMISTRY	CC-2C	Chemical Energetic, Equilibria, Organic Chemistry	9	6	54	2020		
	MATHEMATICS	CC-3C	Real Analysis	8	6	48	2020		
	MATHEMATICS	SEC-1	Logic and Sets	10	2	20	2020		
IV	PHYSICS	CC-1D	Waves and Optics	9	6	54	2021	9.00	Q
	CHEMISTRY	CC-2D	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	9	6	54	2021		
	MATHEMATICS	CC-3D	Algebra	9	6	54	2021		
	MATHEMATICS	SEC-2	Vector Calculus	9	2	18	2021		
V	PHYSICS	DSE-1A	Elements of Modern Physics	8	6	48	2021	8.70	Q
	CHEMISTRY	DSE-2A	Transition Metal & Co-ordination Chemistry, Analytical and Industrial Chemistry	8	6	48	2021		
	MATHEMATICS	DSE-3A	Linear Algebra	10	6	60	2021		
	CHEMISTRY	SEC-3	Basics & Application of Computer in Chemistry	9	2	18	2021		
VI	PHYSICS	DSE-1B	Digital, Analog and Instrumentation	9	6	54	2022	9.10	Q
	CHEMISTRY	DSE-2B	Functional Group Organic Chemistry and Industrial Chemistry	9	6	54	2022		
	MATHEMATICS	DSE-3B	Numerical Methods	10	6	60	2022		
	CHEMISTRY	SEC-4	Polymer Chemistry	7	2	14	2022		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.15							Letter Grade in CGPA : A+	Result : Q	

Date of Publication of Result : 29.07.2022

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

Anindya Zohi Pal

Controller of Examinations

Course Type	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 [any one or more semester(s) is/are 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	Grade Point Norms		Percentage Conversion Formula: = (SGPA or CGPA × 10) - 5.0
	Grade Point	Percentage	
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)





THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE GENERAL FINAL EXAMINATION 2022 UNDER CBCS
GRADE CARD

Name : RAJA NAWAZ SHA

Roll No. 180631010023

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of All Courses	Result Code
I	ZOOLOGY	CC-1A	Animal Diversity	5	6	30	2019	5.18	Q
	BOTANY	CC-2A	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	5	6	30	2019		
	PHYSIOLOGY	CC-3A	Cellular Physiology, Biophysics, Biochemistry of Biomolecules	5	6	30	2019		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2018		
II	ZOOLOGY	CC-1B	Comparative Anatomy & Developmental Biology of Vertebrates	7	6	42	2020	7.30	Q
	BOTANY	CC-2B	Plant Ecology and Taxonomy	8	6	48	2020		
	PHYSIOLOGY	CC-3B	Digestion and Metabolism	7	6	42	2020		
	Communicative English/MIL	AECC-2	Bengali	7	2	14	2020		
III	ZOOLOGY	CC-1C	Physiology and Biochemistry	8	6	48	2020	7.90	Q
	BOTANY	CC-2C	Plant Anatomy and Embryology	8	6	48	2020		
	PHYSIOLOGY	CC-3C	Respiratory and Cardiovascular Physiology	8	6	48	2020		
	BOTANY	SEC-1	Biofertilizers	7	2	14	2020		
IV	ZOOLOGY	CC-1D	Genetics and Evolutionary Biology	8	6	48	2021	8.30	Q
	BOTANY	CC-2D	Plant Physiology and Metabolism	9	6	54	2021		
	PHYSIOLOGY	CC-3D	Endocrinology, Renal Physiology, Skin and Body Temperature Regulation	8	6	48	2021		
	BOTANY	SEC-2	Medicinal Botany	8	2	16	2021		
V	ZOOLOGY	DSE-1A	Applied Zoology	7	6	42	2021	6.90	Q
	BOTANY	DSE-2A	Economic Botany and Biotechnology	6	6	36	2021		
	PHYSIOLOGY	DSE-3A	Muscle and Nerve Physiology	8	6	48	2021		
	PHYSIOLOGY	SEC-3	Microbiology	6	2	12	2021		
VI	ZOOLOGY	DSE-1B	Insects, Vectors and Diseases	7	6	42	2022	7.30	Q
	BOTANY	DSE-2B	Cell Biology, Genetics and Molecular Biology	7	6	42	2022		
	PHYSIOLOGY	DSE-3B	Reproductive Physiology	8	6	48	2022		
	PHYSIOLOGY	SEC-4	Environmental Physiology	7	2	14	2022		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.11							Letter Grade in CGPA : A	Result : Q	


Date of Publication of Result : 29.07.2022

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

Anindya Zohi Pal

Controller of Examinations

Course Type	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 [any one or more semester(s) is/are 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				Percentage Conversion Formula: = (SGPA or CGPA × 10) - 5.0
	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)	



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE GENERAL FINAL EXAMINATION 2022 UNDER CBCS
GRADE CARD

Name : ANIRBAN MUKHERJEE

Roll No. 190631010001

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of All Courses	Result Code
I	CHEMISTRY	CC-1A	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	8	6	48	2019	7.09	Q
	MATHEMATICS	CC-2A	Differential Calculus	6	6	36	2019		
	PHYSICS	CC-3A	Mechanics	8	6	48	2019		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2019		
II	CHEMISTRY	CC-1B	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	8	6	48	2020	8.30	Q
	MATHEMATICS	CC-2B	Differential Equations	8	6	48	2020		
	PHYSICS	CC-3B	Electricity and Magnetism	9	6	54	2020		
	Communicative English/MIL	AECC-2	Bengali	8	2	16	2020		
III	CHEMISTRY	CC-1C	Chemical Energetic, Equilibria, Organic Chemistry	9	6	54	2020	8.80	Q
	MATHEMATICS	CC-2C	Real Analysis	8	6	48	2020		
	PHYSICS	CC-3C	Thermal Physics and Statistical Mechanics	9	6	54	2020		
	MATHEMATICS	SEC-1	Logic and Sets	10	2	20	2020		
IV	CHEMISTRY	CC-1D	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	9	6	54	2021	9.10	Q
	MATHEMATICS	CC-2D	Algebra	9	6	54	2021		
	PHYSICS	CC-3D	Waves and Optics	9	6	54	2021		
	MATHEMATICS	SEC-2	Vector Calculus	10	2	20	2021		
V	CHEMISTRY	DSE-1A	Transition Metal & Co-ordination Chemistry, Analytical and Industrial Chemistry	8	6	48	2021	8.60	Q
	MATHEMATICS	DSE-2A	Linear Algebra	10	6	60	2021		
	PHYSICS	DSE-3A	Elements of Modern Physics	8	6	48	2021		
	CHEMISTRY	SEC-3	Basics & Application of Computer in Chemistry	8	2	16	2021		
VI	CHEMISTRY	DSE-1B	Functional Group Organic Chemistry and Industrial Chemistry	9	6	54	2022	9.10	Q
	MATHEMATICS	DSE-2B	Numerical Methods	10	6	60	2022		
	PHYSICS	DSE-3B	Digital, Analog and Instrumentation	9	6	54	2022		
	CHEMISTRY	SEC-4	Polymer Chemistry	7	2	14	2022		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.48						Letter Grade in CGPA : A+		Result : Q	


Date of Publication of Result : 29.07.2022

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

Anindya Zohi Pal

Controller of Examinations

Course Type	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 [any one or more semester(s) is/are 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				Percentage Conversion Formula: = (SGPA or CGPA × 10) - 5.0
	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)	



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE GENERAL FINAL EXAMINATION 2022 UNDER CBCS
GRADE CARD

Name : ARATI SINGH

Roll No. 190631010002

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of All Courses	Result Code
I	PHYSIOLOGY	CC-1A	Cellular Physiology, Biophysics, Biochemistry of Biomolecules	8	6	48	2019	7.09	Q
	ZOOLOGY	CC-2A	Animal Diversity	7	6	42	2019		
	BOTANY	CC-3A	Biodiversity (Microbes, Algae, Fungi and Archeogniatae)	7	6	42	2019		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2019		
II	PHYSIOLOGY	CC-1B	Digestion and Metabolism	9	6	54	2020	8.30	Q
	ZOOLOGY	CC-2B	Comparative Anatomy & Developmental Biology of Vertebrates	8	6	48	2020		
	BOTANY	CC-3B	Plant Ecology and Taxonomy	8	6	48	2020		
	Communicative English/MIL	AECC-2	Communicative English	8	2	16	2020		
III	PHYSIOLOGY	CC-1C	Respiratory and Cardiovascular Physiology	10	6	60	2020	9.20	Q
	ZOOLOGY	CC-2C	Physiology and Biochemistry	9	6	54	2020		
	BOTANY	CC-3C	Plant Anatomy and Embryology	9	6	54	2020		
	BOTANY	SEC-1	Biofertilizers	8	2	16	2020		
IV	PHYSIOLOGY	CC-1D	Endocrinology, Renal Physiology, Skin and Body Temperature Regulation	9	6	54	2021	8.70	Q
	ZOOLOGY	CC-2D	Genetics and Evolutionary Biology	8	6	48	2021		
	BOTANY	CC-3D	Plant Physiology and Metabolism	9	6	54	2021		
	BOTANY	SEC-2	Medicinal Botany	9	2	18	2021		
V	PHYSIOLOGY	DSE-1A	Muscle and Nerve Physiology	9	6	54	2021	8.90	Q
	ZOOLOGY	DSE-2A	Applied Zoology	9	6	54	2021		
	BOTANY	DSE-3A	Economic Botany and Biotechnology	9	6	54	2021		
	PHYSIOLOGY	SEC-3	Microbiology	8	2	16	2021		
VI	PHYSIOLOGY	DSE-1B	Reproductive Physiology	9	6	54	2022	9.10	Q
	ZOOLOGY	DSE-2B	Insects, Vectors and Diseases	9	6	54	2022		
	BOTANY	DSE-3B	Cell Biology, Genetics and Molecular Biology	9	6	54	2022		
	PHYSIOLOGY	SEC-4	Environmental Physiology	10	2	20	2022		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.52							Letter Grade in CGPA : A+	Result : Q	


Date of Publication of Result : 29.07.2022

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

Anindya Zohi Pal

Controller of Examinations

Course Type	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 [any one or more semester(s) is/are 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				Percentage Conversion Formula: = (SGPA or CGPA × 10) - 5.0
	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)	



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE GENERAL FINAL EXAMINATION 2022 UNDER CBCS
GRADE CARD

Name : **AYESHA ZULEKHA**Roll No. **190631010003**

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of All Courses	Result Code
I	BOTANY	CC-1A	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	6	6	36	2019	7.09	Q
	ZOOLOGY	CC-2A	Animal Diversity	8	6	48	2019		
	PLANT PROTECTION	CC-3A	Pests and Vectors	8	6	48	2019		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2019		
II	BOTANY	CC-1B	Plant Ecology and Taxonomy	9	6	54	2020	8.40	Q
	ZOOLOGY	CC-2B	Comparative Anatomy & Developmental Biology of Vertebrates	8	6	48	2020		
	PLANT PROTECTION	CC-3B	Pest Management	9	6	54	2020		
	Communicative English/MIL	AECC-2	Bengali	6	2	12	2020		
III	BOTANY	CC-1C	Plant Anatomy and Embryology	8	6	48	2020	8.80	Q
	ZOOLOGY	CC-2C	Physiology and Biochemistry	9	6	54	2020		
	PLANT PROTECTION	CC-3C	Bionomics, Plant Diseases and their Management	9	6	54	2020		
	PLANT PROTECTION	SEC-1	Green Pesticides	10	2	20	2020		
IV	BOTANY	CC-1D	Plant Physiology and Metabolism	9	6	54	2021	9.40	Q
	ZOOLOGY	CC-2D	Genetics and Evolutionary Biology	9	6	54	2021		
	PLANT PROTECTION	CC-3D	Plant's Defence Mechanism	10	6	60	2021		
	PLANT PROTECTION	SEC-2	Formulation and Application of Pesticides and Their Precautions	10	2	20	2021		
V	BOTANY	DSE-1A	Economic Botany and Biotechnology	8	6	48	2021	8.70	Q
	ZOOLOGY	DSE-2A	Applied Zoology	9	6	54	2021		
	PLANT PROTECTION	DSE-3A	Integrated Pest Management	9	6	54	2021		
	ZOOLOGY	SEC-3	Sericulture	9	2	18	2021		
VI	BOTANY	DSE-1B	Cell Biology, Genetics and Molecular Biology	9	6	54	2022	8.40	Q
	ZOOLOGY	DSE-2B	Insects, Vectors and Diseases	9	6	54	2022		
	PLANT PROTECTION	DSE-3B	Dissertation	7	6	42	2022		
	ZOOLOGY	SEC-4	Community Nutrition and Health Statistics	9	2	18	2022		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.44						Letter Grade in CGPA : A+		Result : Q	


Date of Publication of Result : 29.07.2022

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

Anindya Zohi Pal

Controller of Examinations

Course Type	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 [any one or more semester(s) is/are 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				Percentage Conversion Formula: = (SGPA or CGPA × 10) - 5.0
	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)	



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE GENERAL FINAL EXAMINATION 2022 UNDER CBCS
GRADE CARD

Name : BEAUTI MANDAL

Roll No. 190631010004

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of All Courses	Result Code
I	ZOOLOGY	CC-1A	Animal Diversity	7	6	42	2019	6.82	Q
	BOTANY	CC-2A	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	7	6	42	2019		
	PHYSIOLOGY	CC-3A	Cellular Physiology, Biophysics, Biochemistry of Biomolecules	7	6	42	2019		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2019		
II	ZOOLOGY	CC-1B	Comparative Anatomy & Developmental Biology of Vertebrates	8	6	48	2020	7.90	Q
	BOTANY	CC-2B	Plant Ecology and Taxonomy	8	6	48	2020		
	PHYSIOLOGY	CC-3B	Digestion and Metabolism	8	6	48	2020		
	Communicative English/MIL	AECC-2	Communicative English	7	2	14	2020		
III	ZOOLOGY	CC-1C	Physiology and Biochemistry	8	6	48	2020	8.60	Q
	BOTANY	CC-2C	Plant Anatomy and Embryology	8	6	48	2020		
	PHYSIOLOGY	CC-3C	Respiratory and Cardiovascular Physiology	10	6	60	2020		
	BOTANY	SEC-1	Biofertilizers	8	2	16	2020		
IV	ZOOLOGY	CC-1D	Genetics and Evolutionary Biology	9	6	54	2021	9.00	Q
	BOTANY	CC-2D	Plant Physiology and Metabolism	9	6	54	2021		
	PHYSIOLOGY	CC-3D	Endocrinology, Renal Physiology, Skin and Body Temperature Regulation	9	6	54	2021		
	BOTANY	SEC-2	Medicinal Botany	9	2	18	2021		
V	ZOOLOGY	DSE-1A	Applied Zoology	9	6	54	2021	8.60	Q
	BOTANY	DSE-2A	Economic Botany and Biotechnology	8	6	48	2021		
	PHYSIOLOGY	DSE-3A	Muscle and Nerve Physiology	9	6	54	2021		
	PHYSIOLOGY	SEC-3	Microbiology	8	2	16	2021		
VI	ZOOLOGY	DSE-1B	Insects, Vectors and Diseases	9	6	54	2022	9.00	Q
	BOTANY	DSE-2B	Cell Biology, Genetics and Molecular Biology	9	6	54	2022		
	PHYSIOLOGY	DSE-3B	Reproductive Physiology	9	6	54	2022		
	PHYSIOLOGY	SEC-4	Environmental Physiology	9	2	18	2022		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.30							Letter Grade in CGPA : A+	Result : Q	


Date of Publication of Result : 29.07.2022

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

Anindya Zohi Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
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	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)	



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE GENERAL FINAL EXAMINATION 2022 UNDER CBCS
GRADE CARD

Name : **BIKRAM GHOSH**Roll No. **190631010005**

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of All Courses	Result Code
I	MATHEMATICS	CC-1A	Differential Calculus	4	6	24	2019	6.55	Q
	PHYSICS	CC-2A	Mechanics	9	6	54	2020		
	CHEMISTRY	CC-3A	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	7	6	42	2019		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2019		
II	MATHEMATICS	CC-1B	Differential Equations	8	6	48	2020	7.70	Q
	PHYSICS	CC-2B	Electricity and Magnetism	8	6	48	2020		
	CHEMISTRY	CC-3B	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	7	6	42	2020		
	Communicative English/MIL	AECC-2	Bengali	8	2	16	2020		
III	MATHEMATICS	CC-1C	Real Analysis	8	6	48	2020	7.90	Q
	PHYSICS	CC-2C	Thermal Physics and Statistical Mechanics	8	6	48	2020		
	CHEMISTRY	CC-3C	Chemical Energetic, Equilibria, Organic Chemistry	7	6	42	2020		
	MATHEMATICS	SEC-1	Logic and Sets	10	2	20	2020		
IV	MATHEMATICS	CC-1D	Algebra	9	6	54	2021	8.70	Q
	PHYSICS	CC-2D	Waves and Optics	8	6	48	2021		
	CHEMISTRY	CC-3D	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	9	6	54	2021		
	MATHEMATICS	SEC-2	Vector Calculus	9	2	18	2021		
V	MATHEMATICS	DSE-1A	Linear Algebra	9	6	54	2021	8.30	Q
	PHYSICS	DSE-2A	Elements of Modern Physics	8	6	48	2021		
	CHEMISTRY	DSE-3A	Transition Metal & Co-ordination Chemistry, Analytical and Industrial Chemistry	8	6	48	2021		
	CHEMISTRY	SEC-3	Basics & Application of Computer in Chemistry	8	2	16	2021		
VI	MATHEMATICS	DSE-1B	Numerical Methods	9	6	54	2022	8.50	Q
	PHYSICS	DSE-2B	Digital, Analog and Instrumentation	8	6	48	2022		
	CHEMISTRY	DSE-3B	Functional Group Organic Chemistry and Industrial Chemistry	9	6	54	2022		
	CHEMISTRY	SEC-4	Polymer Chemistry	7	2	14	2022		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.92							Letter Grade in CGPA : A	Result : Q	


Date of Publication of Result : 29.07.2022

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

Anindya Zohi Pal

Controller of Examinations

Course Type	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 [any one or more semester(s) is/are 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				Percentage Conversion Formula: = (SGPA or CGPA × 10) - 5.0
	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)	



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE GENERAL FINAL EXAMINATION 2022 UNDER CBCS
GRADE CARD

Name : **BIKRAM GHOSH**Roll No. **190631010006**

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of All Courses	Result Code
I	ZOOLOGY	CC-1A	Animal Diversity	5	6	30	2019	6.27	Q
	BOTANY	CC-2A	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	7	6	42	2019		
	PLANT PROTECTION	CC-3A	Pests and Vectors	7	6	42	2019		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2019		
II	ZOOLOGY	CC-1B	Comparative Anatomy & Developmental Biology of Vertebrates	7	6	42	2020	7.70	Q
	BOTANY	CC-2B	Plant Ecology and Taxonomy	8	6	48	2020		
	PLANT PROTECTION	CC-3B	Pest Management	8	6	48	2020		
	Communicative English/MIL	AECC-2	Bengali	8	2	16	2020		
III	ZOOLOGY	CC-1C	Physiology and Biochemistry	8	6	48	2020	8.00	Q
	BOTANY	CC-2C	Plant Anatomy and Embryology	8	6	48	2020		
	PLANT PROTECTION	CC-3C	Bionomics, Plant Diseases and their Management	8	6	48	2020		
	PLANT PROTECTION	SEC-1	Green Pesticides	8	2	16	2020		
IV	ZOOLOGY	CC-1D	Genetics and Evolutionary Biology	8	6	48	2021	8.60	Q
	BOTANY	CC-2D	Plant Physiology and Metabolism	9	6	54	2021		
	PLANT PROTECTION	CC-3D	Plant's Defence Mechanism	9	6	54	2021		
	PLANT PROTECTION	SEC-2	Formulation and Application of Pesticides and Their Precautions	8	2	16	2021		
V	ZOOLOGY	DSE-1A	Applied Zoology	7	6	42	2021	7.50	Q
	BOTANY	DSE-2A	Economic Botany and Biotechnology	7	6	42	2021		
	PLANT PROTECTION	DSE-3A	Integrated Pest Management	8	6	48	2021		
	ZOOLOGY	SEC-3	Sericulture	9	2	18	2021		
VI	ZOOLOGY	DSE-1B	Insects, Vectors and Diseases	8	6	48	2022	7.80	Q
	BOTANY	DSE-2B	Cell Biology, Genetics and Molecular Biology	7	6	42	2022		
	PLANT PROTECTION	DSE-3B	Dissertation	8	6	48	2022		
	ZOOLOGY	SEC-4	Community Nutrition and Health Statistics	9	2	18	2022		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.62						Letter Grade in CGPA : A		Result : Q	

Date of Publication of Result : 29.07.2022

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

Anindya Zohi Pal

Controller of Examinations

Course Type	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 [any one or more semester(s) is/are 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	Grade Point Norms		Percentage Conversion Formula: = (SGPA or CGPA × 10) - 5.0
	90% to 100%	10	
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)



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE GENERAL FINAL EXAMINATION 2022 UNDER CBCS
GRADE CARD

Name : CHANCHAL MONDAL

Roll No. 190631010007

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of All Courses	Result Code
I	MATHEMATICS	CC-1A	Differential Calculus	4	6	24	2019	5.45	Q
	PHYSICS	CC-2A	Mechanics	6	6	36	2019		
	CHEMISTRY	CC-3A	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	6	6	36	2019		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2019		
II	MATHEMATICS	CC-1B	Differential Equations	7	6	42	2020	7.40	Q
	PHYSICS	CC-2B	Electricity and Magnetism	8	6	48	2020		
	CHEMISTRY	CC-3B	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	7	6	42	2020		
	Communicative English/MIL	AECC-2	Bengali	8	2	16	2020		
III	MATHEMATICS	CC-1C	Real Analysis	8	6	48	2020	8.80	Q
	PHYSICS	CC-2C	Thermal Physics and Statistical Mechanics	9	6	54	2020		
	CHEMISTRY	CC-3C	Chemical Energetic, Equilibria, Organic Chemistry	9	6	54	2020		
	MATHEMATICS	SEC-1	Logic and Sets	10	2	20	2020		
IV	MATHEMATICS	CC-1D	Algebra	10	6	60	2021	9.40	Q
	PHYSICS	CC-2D	Waves and Optics	9	6	54	2021		
	CHEMISTRY	CC-3D	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	9	6	54	2021		
	MATHEMATICS	SEC-2	Vector Calculus	10	2	20	2021		
V	MATHEMATICS	DSE-1A	Linear Algebra	9	6	54	2021	8.30	Q
	PHYSICS	DSE-2A	Elements of Modern Physics	8	6	48	2021		
	CHEMISTRY	DSE-3A	Transition Metal & Co-ordination Chemistry, Analytical and Industrial Chemistry	8	6	48	2021		
	CHEMISTRY	SEC-3	Basics & Application of Computer in Chemistry	8	2	16	2021		
VI	MATHEMATICS	DSE-1B	Numerical Methods	9	6	54	2022	8.50	Q
	PHYSICS	DSE-2B	Digital, Analog and Instrumentation	8	6	48	2022		
	CHEMISTRY	DSE-3B	Functional Group Organic Chemistry and Industrial Chemistry	9	6	54	2022		
	CHEMISTRY	SEC-4	Polymer Chemistry	7	2	14	2022		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.93							Letter Grade in CGPA : A	Result : Q	


Date of Publication of Result : 29.07.2022

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

Anindya Zohi Pal

Controller of Examinations

Course Type	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 [any one or more semester(s) is/are 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				Percentage Conversion Formula: = (SGPA or CGPA × 10) - 5.0
	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)	



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE GENERAL FINAL EXAMINATION 2022 UNDER CBCS
GRADE CARD

Name : **KOUSTUVA MONDAL**Roll No. **190631010009**

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of All Courses	Result Code
I	ZOOLOGY	CC-1A	Animal Diversity	8	6	48	2019	7.64	Q
	BOTANY	CC-2A	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	8	6	48	2019		
	PHYSIOLOGY	CC-3A	Cellular Physiology, Biophysics, Biochemistry of Biomolecules	8	6	48	2019		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2019		
II	ZOOLOGY	CC-1B	Comparative Anatomy & Developmental Biology of Vertebrates	9	6	54	2020	8.80	Q
	BOTANY	CC-2B	Plant Ecology and Taxonomy	9	6	54	2020		
	PHYSIOLOGY	CC-3B	Digestion and Metabolism	9	6	54	2020		
	Communicative English/MIL	AECC-2	Communicative English	7	2	14	2020		
III	ZOOLOGY	CC-1C	Physiology and Biochemistry	9	6	54	2020	9.20	Q
	BOTANY	CC-2C	Plant Anatomy and Embryology	9	6	54	2020		
	PHYSIOLOGY	CC-3C	Respiratory and Cardiovascular Physiology	10	6	60	2020		
	BOTANY	SEC-1	Biofertilizers	8	2	16	2020		
IV	ZOOLOGY	CC-1D	Genetics and Evolutionary Biology	9	6	54	2021	9.40	Q
	BOTANY	CC-2D	Plant Physiology and Metabolism	9	6	54	2021		
	PHYSIOLOGY	CC-3D	Endocrinology, Renal Physiology, Skin and Body Temperature Regulation	10	6	60	2021		
	BOTANY	SEC-2	Medicinal Botany	10	2	20	2021		
V	ZOOLOGY	DSE-1A	Applied Zoology	9	6	54	2021	8.90	Q
	BOTANY	DSE-2A	Economic Botany and Biotechnology	9	6	54	2021		
	PHYSIOLOGY	DSE-3A	Nervous System	9	6	54	2021		
	PHYSIOLOGY	SEC-3	Microbiology	8	2	16	2021		
VI	ZOOLOGY	DSE-1B	Insects, Vectors and Diseases	9	6	54	2022	9.40	Q
	BOTANY	DSE-2B	Cell Biology, Genetics and Molecular Biology	9	6	54	2022		
	PHYSIOLOGY	DSE-3B	Reproductive Physiology	10	6	60	2022		
	PHYSIOLOGY	SEC-4	Environmental Physiology	10	2	20	2022		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.87							Letter Grade in CGPA : A+	Result : Q	


Date of Publication of Result : 29.07.2022

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

Anindya Zohi Pal

Controller of Examinations

Course Type	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 [any one or more semester(s) is/are 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				Percentage Conversion Formula: = (SGPA or CGPA × 10) - 5.0
	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)	



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE GENERAL FINAL EXAMINATION 2022 UNDER CBCS
GRADE CARD

Name : MD MOBARAK HOSSAIN

Roll No. 190631010010

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of All Courses	Result Code
I	ZOOLOGY	CC-1A	Animal Diversity	5	6	30	2019	5.18	Q
	BOTANY	CC-2A	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	4	6	24	2019		
	PHYSIOLOGY	CC-3A	Cellular Physiology, Biophysics, Biochemistry of Biomolecules	6	6	36	2019		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2019		
II	ZOOLOGY	CC-1B	Comparative Anatomy & Developmental Biology of Vertebrates	7	6	42	2020	7.40	Q
	BOTANY	CC-2B	Plant Ecology and Taxonomy	8	6	48	2020		
	PHYSIOLOGY	CC-3B	Digestion and Metabolism	7	6	42	2020		
	Communicative English/MIL	AECC-2	Bengali	8	2	16	2020		
III	ZOOLOGY	CC-1C	Physiology and Biochemistry	7	6	42	2020	7.60	Q
	BOTANY	CC-2C	Plant Anatomy and Embryology	7	6	42	2020		
	PHYSIOLOGY	CC-3C	Respiratory and Cardiovascular Physiology	9	6	54	2020		
	BOTANY	SEC-1	Biofertilizers	7	2	14	2020		
IV	ZOOLOGY	CC-1D	Genetics and Evolutionary Biology	8	6	48	2021	8.00	Q
	BOTANY	CC-2D	Plant Physiology and Metabolism	8	6	48	2021		
	PHYSIOLOGY	CC-3D	Endocrinology, Renal Physiology, Skin and Body Temperature Regulation	8	6	48	2021		
	BOTANY	SEC-2	Medicinal Botany	8	2	16	2021		
V	ZOOLOGY	DSE-1A	Applied Zoology	7	6	42	2021	7.00	Q
	BOTANY	DSE-2A	Economic Botany and Biotechnology	7	6	42	2021		
	PHYSIOLOGY	DSE-3A	Muscle and Nerve Physiology	7	6	42	2021		
	PHYSIOLOGY	SEC-3	Microbiology	7	2	14	2021		
VI	ZOOLOGY	DSE-1B	Insects, Vectors and Diseases	8	6	48	2022	7.60	Q
	BOTANY	DSE-2B	Cell Biology, Genetics and Molecular Biology	7	6	42	2022		
	PHYSIOLOGY	DSE-3B	Reproductive Physiology	8	6	48	2022		
	PHYSIOLOGY	SEC-4	Environmental Physiology	7	2	14	2022		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.10							Letter Grade in CGPA : A	Result : Q	


Date of Publication of Result : 29.07.2022

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

Anindya Zohi Pal

Controller of Examinations

Course Type	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 [any one or more semester(s) is/are 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				Percentage Conversion Formula: = (SGPA or CGPA × 10) - 5.0
	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)	



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE GENERAL FINAL EXAMINATION 2022 UNDER CBCS
GRADE CARD

Name : MD NUR ALAM

Roll No. 190631010011

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of All Courses	Result Code
I	ZOOLOGY	CC-1A	Animal Diversity	7	6	42	2019	6.55	Q
	PHYSIOLOGY	CC-2A	Cellular Physiology, Biophysics, Biochemistry of Biomolecules	7	6	42	2019		
	BOTANY	CC-3A	Biodiversity (Microbes, Algae, Fungi and Archeogoniatae)	6	6	36	2019		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2019		
II	ZOOLOGY	CC-1B	Comparative Anatomy & Developmental Biology of Vertebrates	8	6	48	2020	8.10	Q
	PHYSIOLOGY	CC-2B	Digestion and Metabolism	8	6	48	2020		
	BOTANY	CC-3B	Plant Ecology and Taxonomy	8	6	48	2020		
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2020		
III	ZOOLOGY	CC-1C	Physiology and Biochemistry	8	6	48	2020	8.60	Q
	PHYSIOLOGY	CC-2C	Respiratory and Cardiovascular Physiology	10	6	60	2020		
	BOTANY	CC-3C	Plant Anatomy and Embryology	8	6	48	2020		
	BOTANY	SEC-1	Biofertilizers	8	2	16	2020		
IV	ZOOLOGY	CC-1D	Genetics and Evolutionary Biology	8	6	48	2021	9.00	Q
	PHYSIOLOGY	CC-2D	Endocrinology, Renal Physiology, Skin and Body Temperature Regulation	10	6	60	2021		
	BOTANY	CC-3D	Plant Physiology and Metabolism	9	6	54	2021		
	BOTANY	SEC-2	Medicinal Botany	9	2	18	2021		
V	ZOOLOGY	DSE-1A	Applied Zoology	8	6	48	2021	8.20	Q
	PHYSIOLOGY	DSE-2A	Muscle and Nerve Physiology	9	6	54	2021		
	BOTANY	DSE-3A	Economic Botany and Biotechnology	8	6	48	2021		
	PHYSIOLOGY	SEC-3	Microbiology	7	2	14	2021		
VI	ZOOLOGY	DSE-1B	Insects, Vectors and Diseases	9	6	54	2022	8.80	Q
	PHYSIOLOGY	DSE-2B	Reproductive Physiology	9	6	54	2022		
	BOTANY	DSE-3B	Cell Biology, Genetics and Molecular Biology	8	6	48	2022		
	PHYSIOLOGY	SEC-4	Environmental Physiology	10	2	20	2022		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.18							Letter Grade in CGPA : A+	Result : Q	


Date of Publication of Result : 29.07.2022

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

Anindya Zohi Pal

Controller of Examinations

Course Type	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 [any one or more semester(s) is/are 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				Percentage Conversion Formula: = (SGPA or CGPA × 10) - 5.0
	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)	



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE GENERAL FINAL EXAMINATION 2022 UNDER CBCS
GRADE CARD

Name : NASIM AKTER MOLLAH

Roll No. 190631010012

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of All Courses	Result Code
I	ZOOLOGY	CC-1A	Animal Diversity	6	6	36	2019	6.55	Q
	BOTANY	CC-2A	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	7	6	42	2019		
	PHYSIOLOGY	CC-3A	Cellular Physiology, Biophysics, Biochemistry of Biomolecules	7	6	42	2019		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2019		
II	ZOOLOGY	CC-1B	Comparative Anatomy & Developmental Biology of Vertebrates	8	6	48	2020	8.00	Q
	BOTANY	CC-2B	Plant Ecology and Taxonomy	8	6	48	2020		
	PHYSIOLOGY	CC-3B	Digestion and Metabolism	8	6	48	2020		
	Communicative English/MIL	AECC-2	Bengali	8	2	16	2020		
III	ZOOLOGY	CC-1C	Physiology and Biochemistry	8	6	48	2020	8.30	Q
	BOTANY	CC-2C	Plant Anatomy and Embryology	8	6	48	2020		
	PHYSIOLOGY	CC-3C	Respiratory and Cardiovascular Physiology	9	6	54	2020		
	BOTANY	SEC-1	Biofertilizers	8	2	16	2020		
IV	ZOOLOGY	CC-1D	Genetics and Evolutionary Biology	8	6	48	2021	8.60	Q
	BOTANY	CC-2D	Plant Physiology and Metabolism	9	6	54	2021		
	PHYSIOLOGY	CC-3D	Endocrinology, Renal Physiology, Skin and Body Temperature Regulation	9	6	54	2021		
	BOTANY	SEC-2	Medicinal Botany	8	2	16	2021		
V	ZOOLOGY	DSE-1A	Applied Zoology	8	6	48	2021	7.30	Q
	BOTANY	DSE-2A	Economic Botany and Biotechnology	7	6	42	2021		
	PHYSIOLOGY	DSE-3A	Muscle and Nerve Physiology	7	6	42	2021		
	PHYSIOLOGY	SEC-3	Microbiology	7	2	14	2021		
VI	ZOOLOGY	DSE-1B	Insects, Vectors and Diseases	7	6	42	2022	7.30	Q
	BOTANY	DSE-2B	Cell Biology, Genetics and Molecular Biology	7	6	42	2022		
	PHYSIOLOGY	DSE-3B	Reproductive Physiology	8	6	48	2022		
	PHYSIOLOGY	SEC-4	Environmental Physiology	7	2	14	2022		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.66							Letter Grade in CGPA : A	Result : Q	


Date of Publication of Result : 29.07.2022

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

Anindya Zohi Pal

Controller of Examinations

Course Type	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 [any one or more semester(s) is/are 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				Percentage Conversion Formula: = (SGPA or CGPA × 10) - 5.0
	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)	



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE GENERAL FINAL EXAMINATION 2022 UNDER CBCS
GRADE CARD

Name : NASRIN FATEMA

Roll No. 190631010013

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of All Courses	Result Code
I	BOTANY	CC-1A	Biodiversity (Microbes, Algae, Fungi and Archeogoniatae)	8	6	48	2019	7.64	Q
	ZOOLOGY	CC-2A	Animal Diversity	8	6	48	2019		
	PHYSIOLOGY	CC-3A	Cellular Physiology, Biophysics, Biochemistry of Biomolecules	8	6	48	2019		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2019		
II	BOTANY	CC-1B	Plant Ecology and Taxonomy	9	6	54	2020	8.60	Q
	ZOOLOGY	CC-2B	Comparative Anatomy & Developmental Biology of Vertebrates	8	6	48	2020		
	PHYSIOLOGY	CC-3B	Digestion and Metabolism	9	6	54	2020		
	Communicative English/MIL	AECC-2	Bengali	8	2	16	2020		
III	BOTANY	CC-1C	Plant Anatomy and Embryology	8	6	48	2020	8.90	Q
	ZOOLOGY	CC-2C	Physiology and Biochemistry	9	6	54	2020		
	PHYSIOLOGY	CC-3C	Respiratory and Cardiovascular Physiology	10	6	60	2020		
	BOTANY	SEC-1	Biofertilizers	8	2	16	2020		
IV	BOTANY	CC-1D	Plant Physiology and Metabolism	9	6	54	2021	8.70	Q
	ZOOLOGY	CC-2D	Genetics and Evolutionary Biology	8	6	48	2021		
	PHYSIOLOGY	CC-3D	Endocrinology, Renal Physiology, Skin and Body Temperature Regulation	9	6	54	2021		
	BOTANY	SEC-2	Medicinal Botany	9	2	18	2021		
V	BOTANY	DSE-1A	Economic Botany and Biotechnology	9	6	54	2021	9.00	Q
	ZOOLOGY	DSE-2A	Applied Zoology	9	6	54	2021		
	PHYSIOLOGY	DSE-3A	Muscle and Nerve Physiology	9	6	54	2021		
	PHYSIOLOGY	SEC-3	Microbiology	9	2	18	2021		
VI	BOTANY	DSE-1B	Cell Biology, Genetics and Molecular Biology	9	6	54	2022	9.10	Q
	ZOOLOGY	DSE-2B	Insects, Vectors and Diseases	9	6	54	2022		
	PHYSIOLOGY	DSE-3B	Reproductive Physiology	9	6	54	2022		
	PHYSIOLOGY	SEC-4	Environmental Physiology	10	2	20	2022		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.64							Letter Grade in CGPA : A+	Result : Q	


Date of Publication of Result : 29.07.2022

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

Anindya Zohi Pal

Controller of Examinations

Course Type	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 [any one or more semester(s) is/are 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				Percentage Conversion Formula: = (SGPA or CGPA × 10) - 5.0
	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)	



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE GENERAL FINAL EXAMINATION 2022 UNDER CBCS
GRADE CARD

Name : PALLABI CHATTERJEE

Roll No. 190631010014

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of All Courses	Result Code
I	PHYSIOLOGY	CC-1A	Cellular Physiology, Biophysics, Biochemistry of Biomolecules	7	6	42	2019	6.82	Q
	ZOOLOGY	CC-2A	Animal Diversity	7	6	42	2019		
	BOTANY	CC-3A	Biodiversity (Microbes, Algae, Fungi and Archeogniatae)	7	6	42	2019		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2019		
II	PHYSIOLOGY	CC-1B	Digestion and Metabolism	8	6	48	2020	8.00	Q
	ZOOLOGY	CC-2B	Comparative Anatomy & Developmental Biology of Vertebrates	8	6	48	2020		
	BOTANY	CC-3B	Plant Ecology and Taxonomy	8	6	48	2020		
	Communicative English/MIL	AECC-2	Bengali	8	2	16	2020		
III	PHYSIOLOGY	CC-1C	Respiratory and Cardiovascular Physiology	9	6	54	2020	8.60	Q
	ZOOLOGY	CC-2C	Physiology and Biochemistry	9	6	54	2020		
	BOTANY	CC-3C	Plant Anatomy and Embryology	8	6	48	2020		
	BOTANY	SEC-1	Biofertilizers	8	2	16	2020		
IV	PHYSIOLOGY	CC-1D	Endocrinology, Renal Physiology, Skin and Body Temperature Regulation	9	6	54	2021	9.00	Q
	ZOOLOGY	CC-2D	Genetics and Evolutionary Biology	9	6	54	2021		
	BOTANY	CC-3D	Plant Physiology and Metabolism	9	6	54	2021		
	BOTANY	SEC-2	Medicinal Botany	9	2	18	2021		
V	PHYSIOLOGY	DSE-1A	Muscle and Nerve Physiology	9	6	54	2021	8.30	Q
	ZOOLOGY	DSE-2A	Applied Zoology	8	6	48	2021		
	BOTANY	DSE-3A	Economic Botany and Biotechnology	8	6	48	2021		
	PHYSIOLOGY	SEC-3	Microbiology	8	2	16	2021		
VI	PHYSIOLOGY	DSE-1B	Reproductive Physiology	8	6	48	2022	8.30	Q
	ZOOLOGY	DSE-2B	Insects, Vectors and Diseases	8	6	48	2022		
	BOTANY	DSE-3B	Cell Biology, Genetics and Molecular Biology	9	6	54	2022		
	PHYSIOLOGY	SEC-4	Environmental Physiology	8	2	16	2022		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.15							Letter Grade in CGPA : A+	Result : Q	


Date of Publication of Result : 29.07.2022

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

Anindya Zohi Pal

Controller of Examinations

Course Type	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 [any one or more semester(s) is/are 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				Percentage Conversion Formula: = (SGPA or CGPA × 10) - 5.0
	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)	



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE GENERAL FINAL EXAMINATION 2022 UNDER CBCS
GRADE CARD

Name : **RIAZ AHAMED**Roll No. **190631010015**

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of All Courses	Result Code
I	PHYSICS	CC-1A	Mechanics	5	6	30	2019	5.18	Q
	COMPUTER SCIENCE	CC-2A	Problem Solving using Computer	5	6	30	2019		
	MATHEMATICS	CC-3A	Differential Calculus	5	6	30	2019		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2019		
II	PHYSICS	CC-1B	Electricity and Magnetism	8	6	48	2020	7.30	Q
	COMPUTER SCIENCE	CC-2B	Database Management Systems	7	6	42	2020		
	MATHEMATICS	CC-3B	Differential Equations	7	6	42	2020		
	Communicative English/MIL	AECC-2	Bengali	7	2	14	2020		
III	PHYSICS	CC-1C	Thermal Physics and Statistical Mechanics	8	6	48	2020	7.50	Q
	COMPUTER SCIENCE	CC-2C	Operating Systems	8	6	48	2020		
	MATHEMATICS	CC-3C	Real Analysis	6	6	36	2020		
	COMPUTER SCIENCE	SEC-1	Office Automation Tools	9	2	18	2020		
IV	PHYSICS	CC-1D	Waves and Optics	9	6	54	2021	8.90	Q
	COMPUTER SCIENCE	CC-2D	Computer System Architecture	9	6	54	2021		
	MATHEMATICS	CC-3D	Algebra	9	6	54	2021		
	COMPUTER SCIENCE	SEC-2	HTML Programming	8	2	16	2021		
V	PHYSICS	DSE-1A	Elements of Modern Physics	8	6	48	2021	8.70	Q
	COMPUTER SCIENCE	DSE-2A	Programming in Java	9	6	54	2021		
	MATHEMATICS	DSE-3A	Linear Algebra	9	6	54	2021		
	PHYSICS	SEC-3	Computational Physics Skills	9	2	18	2021		
VI	PHYSICS	DSE-1B	Digital, Analog and Instrumentation	7	6	42	2022	7.70	Q
	COMPUTER SCIENCE	DSE-2B	Computer Networks	8	6	48	2022		
	MATHEMATICS	DSE-3B	Numerical Methods	8	6	48	2022		
	PHYSICS	SEC-4	Electrical Circuits and Network Skills	8	2	16	2022		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.51						Letter Grade in CGPA : A		Result : Q	


Date of Publication of Result : 29.07.2022

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

Anindya Zohi Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
	CGPA	Letter Grade	CGPA	Letter Grade	
CC – Core Course	9 and above	O (Outstanding)	5 to below 6	B (Average)	Q – Qualified
GE – Generic Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	7 to below 8	A (Very Good)	Below 4	F (Fail)	PNC – Programme Not Cleared [any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

	Grade Point Norms				Percentage Conversion Formula: = (SGPA or CGPA × 10) - 5.0
	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)	



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE GENERAL FINAL EXAMINATION 2022 UNDER CBCS
GRADE CARD

Name : RITTIK MONDAL

Roll No. 190631010016

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of All Courses	Result Code
I	CHEMISTRY	CC-1A	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	7	6	42	2019	5.73	Q
	MATHEMATICS	CC-2A	Differential Calculus	4	6	24	2019		
	PHYSICS	CC-3A	Mechanics	6	6	36	2019		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2019		
II	CHEMISTRY	CC-1B	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	7	6	42	2020	7.70	Q
	MATHEMATICS	CC-2B	Differential Equations	8	6	48	2020		
	PHYSICS	CC-3B	Electricity and Magnetism	8	6	48	2020		
	Communicative English/MIL	AECC-2	Bengali	8	2	16	2020		
III	CHEMISTRY	CC-1C	Chemical Energetic, Equilibria, Organic Chemistry	9	6	54	2020	8.80	Q
	MATHEMATICS	CC-2C	Real Analysis	8	6	48	2020		
	PHYSICS	CC-3C	Thermal Physics and Statistical Mechanics	9	6	54	2020		
	MATHEMATICS	SEC-1	Logic and Sets	10	2	20	2020		
IV	CHEMISTRY	CC-1D	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	10	6	60	2021	9.30	Q
	MATHEMATICS	CC-2D	Algebra	9	6	54	2021		
	PHYSICS	CC-3D	Waves and Optics	9	6	54	2021		
	MATHEMATICS	SEC-2	Vector Calculus	9	2	18	2021		
V	CHEMISTRY	DSE-1A	Transition Metal & Co-ordination Chemistry, Analytical and Industrial Chemistry	8	6	48	2021	8.70	Q
	MATHEMATICS	DSE-2A	Linear Algebra	10	6	60	2021		
	PHYSICS	DSE-3A	Elements of Modern Physics	8	6	48	2021		
	CHEMISTRY	SEC-3	Basics & Application of Computer in Chemistry	9	2	18	2021		
VI	CHEMISTRY	DSE-1B	Functional Group Organic Chemistry and Industrial Chemistry	9	6	54	2022	8.50	Q
	MATHEMATICS	DSE-2B	Numerical Methods	9	6	54	2022		
	PHYSICS	DSE-3B	Digital, Analog and Instrumentation	8	6	48	2022		
	CHEMISTRY	SEC-4	Polymer Chemistry	7	2	14	2022		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.08							Letter Grade in CGPA : A+	Result : Q	


Date of Publication of Result : 29.07.2022

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

Anindya Zohi Pal

Controller of Examinations

Course Type	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 [any one or more semester(s) is/are 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				Percentage Conversion Formula: = (SGPA or CGPA × 10) - 5.0
	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)	



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE GENERAL FINAL EXAMINATION 2022 UNDER CBCS
GRADE CARD

Name : RUPANJANA BISHNU

Roll No. 190631010018

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of All Courses	Result Code
I	BOTANY	CC-1A	Biodiversity (Microbes, Algae, Fungi and Archeogoniatae)	9	6	54	2019	7.91	Q
	ZOOLOGY	CC-2A	Animal Diversity	8	6	48	2019		
	PHYSIOLOGY	CC-3A	Cellular Physiology, Biophysics, Biochemistry of Biomolecules	8	6	48	2019		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2019		
II	BOTANY	CC-1B	Plant Ecology and Taxonomy	9	6	54	2020	9.00	Q
	ZOOLOGY	CC-2B	Comparative Anatomy & Developmental Biology of Vertebrates	9	6	54	2020		
	PHYSIOLOGY	CC-3B	Digestion and Metabolism	9	6	54	2020		
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2020		
III	BOTANY	CC-1C	Plant Anatomy and Embryology	9	6	54	2020	9.20	Q
	ZOOLOGY	CC-2C	Physiology and Biochemistry	9	6	54	2020		
	PHYSIOLOGY	CC-3C	Respiratory and Cardiovascular Physiology	10	6	60	2020		
	BOTANY	SEC-1	Biofertilizers	8	2	16	2020		
IV	BOTANY	CC-1D	Plant Physiology and Metabolism	10	6	60	2021	9.70	Q
	ZOOLOGY	CC-2D	Genetics and Evolutionary Biology	9	6	54	2021		
	PHYSIOLOGY	CC-3D	Endocrinology, Renal Physiology, Skin and Body Temperature Regulation	10	6	60	2021		
	BOTANY	SEC-2	Medicinal Botany	10	2	20	2021		
V	BOTANY	DSE-1A	Economic Botany and Biotechnology	9	6	54	2021	8.60	Q
	ZOOLOGY	DSE-2A	Applied Zoology	8	6	48	2021		
	PHYSIOLOGY	DSE-3A	Muscle and Nerve Physiology	9	6	54	2021		
	PHYSIOLOGY	SEC-3	Microbiology	8	2	16	2021		
VI	BOTANY	DSE-1B	Cell Biology, Genetics and Molecular Biology	9	6	54	2022	9.00	Q
	ZOOLOGY	DSE-2B	Insects, Vectors and Diseases	9	6	54	2022		
	PHYSIOLOGY	DSE-3B	Reproductive Physiology	9	6	54	2022		
	PHYSIOLOGY	SEC-4	Environmental Physiology	9	2	18	2022		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.89							Letter Grade in CGPA : A+	Result : Q	


Date of Publication of Result : 29.07.2022

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

Anindya Zohi Pal

Controller of Examinations

Course Type	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 [any one or more semester(s) is/are 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				Percentage Conversion Formula: = (SGPA or CGPA × 10) - 5.0
	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)	



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE GENERAL FINAL EXAMINATION 2022 UNDER CBCS
GRADE CARD

Name : SAHANA KHATUN

Roll No. 190631010019

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of All Courses	Result Code
I	BOTANY	CC-1A	Biodiversity (Microbes, Algae, Fungi and Archeogoniatae)	6	6	36	2019	5.82	Q
	ZOOLOGY	CC-2A	Animal Diversity	6	6	36	2019		
	PHYSIOLOGY	CC-3A	Cellular Physiology, Biophysics, Biochemistry of Biomolecules	6	6	36	2019		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	5	4	20	2019		
II	BOTANY	CC-1B	Plant Ecology and Taxonomy	7	6	42	2020	6.90	Q
	ZOOLOGY	CC-2B	Comparative Anatomy & Developmental Biology of Vertebrates	7	6	42	2020		
	PHYSIOLOGY	CC-3B	Digestion and Metabolism	7	6	42	2020		
	Communicative English/MIL	AECC-2	Bengali	6	2	12	2020		
III	BOTANY	CC-1C	Plant Anatomy and Embryology	7	6	42	2020	7.40	Q
	ZOOLOGY	CC-2C	Physiology and Biochemistry	7	6	42	2020		
	PHYSIOLOGY	CC-3C	Respiratory and Cardiovascular Physiology	8	6	48	2020		
	BOTANY	SEC-1	Biofertilizers	8	2	16	2020		
IV	BOTANY	CC-1D	Plant Physiology and Metabolism	8	6	48	2021	8.10	Q
	ZOOLOGY	CC-2D	Genetics and Evolutionary Biology	8	6	48	2021		
	PHYSIOLOGY	CC-3D	Endocrinology, Renal Physiology, Skin and Body Temperature Regulation	8	6	48	2021		
	BOTANY	SEC-2	Medicinal Botany	9	2	18	2021		
V	BOTANY	DSE-1A	Economic Botany and Biotechnology	7	6	42	2021	7.20	Q
	ZOOLOGY	DSE-2A	Applied Zoology	7	6	42	2021		
	PHYSIOLOGY	DSE-3A	Muscle and Nerve Physiology	8	6	48	2021		
	PHYSIOLOGY	SEC-3	Microbiology	6	2	12	2021		
VI	BOTANY	DSE-1B	Cell Biology, Genetics and Molecular Biology	7	6	42	2022	7.00	Q
	ZOOLOGY	DSE-2B	Insects, Vectors and Diseases	7	6	42	2022		
	PHYSIOLOGY	DSE-3B	Reproductive Physiology	7	6	42	2022		
	PHYSIOLOGY	SEC-4	Environmental Physiology	7	2	14	2022		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.05							Letter Grade in CGPA : A	Result : Q	


Date of Publication of Result : 29.07.2022

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

Anindya Zohi Pal

Controller of Examinations

Course Type	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 [any one or more semester(s) is/are 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				Percentage Conversion Formula: = (SGPA or CGPA × 10) - 5.0
	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)	



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE GENERAL FINAL EXAMINATION 2022 UNDER CBCS
GRADE CARD

Name : SAMIM MONDAL

Roll No. 190631010020

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of All Courses	Result Code
I	ZOOLOGY	CC-1A	Animal Diversity	6	6	36	2019	6.36	Q
	BOTANY	CC-2A	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	6	6	36	2019		
	PLANT PROTECTION	CC-3A	Pests and Vectors	8	6	48	2019		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	5	4	20	2019		
II	ZOOLOGY	CC-1B	Comparative Anatomy & Developmental Biology of Vertebrates	7	6	42	2020	7.70	Q
	BOTANY	CC-2B	Plant Ecology and Taxonomy	8	6	48	2020		
	PLANT PROTECTION	CC-3B	Pest Management	8	6	48	2020		
	Communicative English/MIL	AECC-2	Bengali	8	2	16	2020		
III	ZOOLOGY	CC-1C	Physiology and Biochemistry	7	6	42	2020	7.90	Q
	BOTANY	CC-2C	Plant Anatomy and Embryology	7	6	42	2020		
	PLANT PROTECTION	CC-3C	Bionomics, Plant Diseases and their Management	9	6	54	2020		
	PLANT PROTECTION	SEC-1	Green Pesticides	10	2	20	2020		
IV	ZOOLOGY	CC-1D	Genetics and Evolutionary Biology	8	6	48	2021	8.70	Q
	BOTANY	CC-2D	Plant Physiology and Metabolism	9	6	54	2021		
	PLANT PROTECTION	CC-3D	Plant's Defence Mechanism	9	6	54	2021		
	PLANT PROTECTION	SEC-2	Formulation and Application of Pesticides and Their Precautions	9	2	18	2021		
V	ZOOLOGY	DSE-1A	Applied Zoology	9	6	54	2021	8.40	Q
	BOTANY	DSE-2A	Economic Botany and Biotechnology	7	6	42	2021		
	PLANT PROTECTION	DSE-3A	Integrated Pest Management	9	6	54	2021		
	ZOOLOGY	SEC-3	Sericulture	9	2	18	2021		
VI	ZOOLOGY	DSE-1B	Insects, Vectors and Diseases	9	6	54	2022	8.70	Q
	BOTANY	DSE-2B	Cell Biology, Genetics and Molecular Biology	8	6	48	2022		
	PLANT PROTECTION	DSE-3B	Dissertation	9	6	54	2022		
	ZOOLOGY	SEC-4	Community Nutrition and Health Statistics	9	2	18	2022		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.93						Letter Grade in CGPA : A		Result : Q	


Date of Publication of Result : 29.07.2022

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

Anindya Zohi Pal

Controller of Examinations

Course Type	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 [any one or more semester(s) is/are 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				Percentage Conversion Formula: = (SGPA or CGPA × 10) - 5.0
	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)	



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE GENERAL FINAL EXAMINATION 2022 UNDER CBCS
GRADE CARD

Name : SARTAZ CHOWDHURY

Roll No. 190631010021

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of All Courses	Result Code
I	BOTANY	CC-1A	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	6	6	36	2019	6.00	Q
	ZOOLOGY	CC-2A	Animal Diversity	6	6	36	2019		
	PHYSIOLOGY	CC-3A	Cellular Physiology, Biophysics, Biochemistry of Biomolecules	6	6	36	2019		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2019		
II	BOTANY	CC-1B	Plant Ecology and Taxonomy	7	6	42	2020	7.00	Q
	ZOOLOGY	CC-2B	Comparative Anatomy & Developmental Biology of Vertebrates	7	6	42	2020		
	PHYSIOLOGY	CC-3B	Digestion and Metabolism	7	6	42	2020		
	Communicative English/MIL	AECC-2	Bengali	7	2	14	2020		
III	BOTANY	CC-1C	Plant Anatomy and Embryology	7	6	42	2020	7.60	Q
	ZOOLOGY	CC-2C	Physiology and Biochemistry	8	6	48	2020		
	PHYSIOLOGY	CC-3C	Respiratory and Cardiovascular Physiology	8	6	48	2020		
	BOTANY	SEC-1	Biofertilizers	7	2	14	2020		
IV	BOTANY	CC-1D	Plant Physiology and Metabolism	9	6	54	2021	8.30	Q
	ZOOLOGY	CC-2D	Genetics and Evolutionary Biology	8	6	48	2021		
	PHYSIOLOGY	CC-3D	Endocrinology, Renal Physiology, Skin and Body Temperature Regulation	8	6	48	2021		
	BOTANY	SEC-2	Medicinal Botany	8	2	16	2021		
V	BOTANY	DSE-1A	Economic Botany and Biotechnology	6	6	36	2021	6.90	Q
	ZOOLOGY	DSE-2A	Applied Zoology	7	6	42	2021		
	PHYSIOLOGY	DSE-3A	Muscle and Nerve Physiology	8	6	48	2021		
	PHYSIOLOGY	SEC-3	Microbiology	6	2	12	2021		
VI	BOTANY	DSE-1B	Cell Biology, Genetics and Molecular Biology	7	6	42	2022	7.00	Q
	ZOOLOGY	DSE-2B	Insects, Vectors and Diseases	7	6	42	2022		
	PHYSIOLOGY	DSE-3B	Reproductive Physiology	7	6	42	2022		
	PHYSIOLOGY	SEC-4	Environmental Physiology	7	2	14	2022		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.11							Letter Grade in CGPA : A	Result : Q	


Date of Publication of Result : 29.07.2022

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

Anindya Zohi Pal

Controller of Examinations

Course Type	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 [any one or more semester(s) is/are 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				Percentage Conversion Formula: = (SGPA or CGPA × 10) - 5.0
	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)	



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE GENERAL FINAL EXAMINATION 2022 UNDER CBCS
GRADE CARD

Name : SHOUVIK GARAIN

Roll No. 190631010022

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of All Courses	Result Code
I	MATHEMATICS	CC-1A	Differential Calculus	4	6	24	2019	5.45	Q
	PHYSICS	CC-2A	Mechanics	5	6	30	2019		
	CHEMISTRY	CC-3A	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	7	6	42	2019		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2019		
II	MATHEMATICS	CC-1B	Differential Equations	7	6	42	2020	7.40	Q
	PHYSICS	CC-2B	Electricity and Magnetism	8	6	48	2020		
	CHEMISTRY	CC-3B	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	7	6	42	2020		
	Communicative English/MIL	AECC-2	Bengali	8	2	16	2020		
III	MATHEMATICS	CC-1C	Real Analysis	7	6	42	2020	7.90	Q
	PHYSICS	CC-2C	Thermal Physics and Statistical Mechanics	8	6	48	2020		
	CHEMISTRY	CC-3C	Chemical Energetic, Equilibria, Organic Chemistry	8	6	48	2020		
	MATHEMATICS	SEC-1	Logic and Sets	10	2	20	2020		
IV	MATHEMATICS	CC-1D	Algebra	9	6	54	2021	9.00	Q
	PHYSICS	CC-2D	Waves and Optics	9	6	54	2021		
	CHEMISTRY	CC-3D	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	9	6	54	2021		
	MATHEMATICS	SEC-2	Vector Calculus	9	2	18	2021		
V	MATHEMATICS	DSE-1A	Linear Algebra	10	6	60	2021	8.70	Q
	PHYSICS	DSE-2A	Elements of Modern Physics	8	6	48	2021		
	CHEMISTRY	DSE-3A	Transition Metal & Co-ordination Chemistry, Analytical and Industrial Chemistry	8	6	48	2021		
	CHEMISTRY	SEC-3	Basics & Application of Computer in Chemistry	9	2	18	2021		
VI	MATHEMATICS	DSE-1B	Numerical Methods	9	6	54	2022	8.80	Q
	PHYSICS	DSE-2B	Digital, Analog and Instrumentation	9	6	54	2022		
	CHEMISTRY	DSE-3B	Functional Group Organic Chemistry and Industrial Chemistry	9	6	54	2022		
	CHEMISTRY	SEC-4	Polymer Chemistry	7	2	14	2022		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.84						Letter Grade in CGPA : A		Result : Q	

Date of Publication of Result : 29.07.2022

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

Anindya Zohi Pal

Controller of Examinations

Course Type	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 [any one or more semester(s) is/are 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	Grade Point Norms		Percentage Conversion Formula: = (SGPA or CGPA × 10) - 5.0
	Grade Point	Percentage	
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)





THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE GENERAL FINAL EXAMINATION 2022 UNDER CBCS
GRADE CARD

Name : SOUVIK SADHU

Roll No. 190631010024

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of All Courses	Result Code
I	BOTANY	CC-1A	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	7	6	42	2019	6.82	Q
	ZOOLOGY	CC-2A	Animal Diversity	6	6	36	2019		
	PLANT PROTECTION	CC-3A	Pests and Vectors	8	6	48	2019		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2019		
II	BOTANY	CC-1B	Plant Ecology and Taxonomy	8	6	48	2020	8.40	Q
	ZOOLOGY	CC-2B	Comparative Anatomy & Developmental Biology of Vertebrates	8	6	48	2020		
	PLANT PROTECTION	CC-3B	Pest Management	9	6	54	2020		
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2020		
III	BOTANY	CC-1C	Plant Anatomy and Embryology	8	6	48	2020	8.30	Q
	ZOOLOGY	CC-2C	Physiology and Biochemistry	8	6	48	2020		
	PLANT PROTECTION	CC-3C	Bionomics, Plant Diseases and their Management	9	6	54	2020		
	PLANT PROTECTION	SEC-1	Green Pesticides	8	2	16	2020		
IV	BOTANY	CC-1D	Plant Physiology and Metabolism	9	6	54	2021	8.60	Q
	ZOOLOGY	CC-2D	Genetics and Evolutionary Biology	8	6	48	2021		
	PLANT PROTECTION	CC-3D	Plant's Defence Mechanism	9	6	54	2021		
	PLANT PROTECTION	SEC-2	Formulation and Application of Pesticides and Their Precautions	8	2	16	2021		
V	BOTANY	DSE-1A	Economic Botany and Biotechnology	7	6	42	2021	7.80	Q
	ZOOLOGY	DSE-2A	Applied Zoology	8	6	48	2021		
	PLANT PROTECTION	DSE-3A	Integrated Pest Management	8	6	48	2021		
	ZOOLOGY	SEC-3	Sericulture	9	2	18	2021		
VI	BOTANY	DSE-1B	Cell Biology, Genetics and Molecular Biology	8	6	48	2022	8.80	Q
	ZOOLOGY	DSE-2B	Insects, Vectors and Diseases	9	6	54	2022		
	PLANT PROTECTION	DSE-3B	Dissertation	9	6	54	2022		
	ZOOLOGY	SEC-4	Community Nutrition and Health Statistics	10	2	20	2022		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.10						Letter Grade in CGPA : A+		Result : Q	


Date of Publication of Result : 29.07.2022

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

Anindya Zohi Pal

Controller of Examinations

Course Type	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 [any one or more semester(s) is/are 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				Percentage Conversion Formula: = (SGPA or CGPA × 10) - 5.0
	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)	



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE GENERAL FINAL EXAMINATION 2022 UNDER CBCS
GRADE CARD

Name : SUBRATA BHUINYA

Roll No. 190631010025

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of All Courses	Result Code
I	MATHEMATICS	CC-1A	Differential Calculus	4	6	24	2019	5.82	Q
	PHYSICS	CC-2A	Mechanics	9	6	54	2020		
	COMPUTER SCIENCE	CC-3A	Problem Solving using Computer	5	6	30	2019		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	5	4	20	2019		
II	MATHEMATICS	CC-1B	Differential Equations	7	6	42	2020	7.30	Q
	PHYSICS	CC-2B	Electricity and Magnetism	8	6	48	2020		
	COMPUTER SCIENCE	CC-3B	Database Management Systems	7	6	42	2020		
	Communicative English/MIL	AECC-2	Bengali	7	2	14	2020		
III	MATHEMATICS	CC-1C	Real Analysis	7	6	42	2020	7.80	Q
	PHYSICS	CC-2C	Thermal Physics and Statistical Mechanics	8	6	48	2020		
	COMPUTER SCIENCE	CC-3C	Operating Systems	8	6	48	2020		
	COMPUTER SCIENCE	SEC-1	Office Automation Tools	9	2	18	2020		
IV	MATHEMATICS	CC-1D	Algebra	9	6	54	2021	9.00	Q
	PHYSICS	CC-2D	Waves and Optics	9	6	54	2021		
	COMPUTER SCIENCE	CC-3D	Computer System Architecture	9	6	54	2021		
	COMPUTER SCIENCE	SEC-2	HTML Programming	9	2	18	2021		
V	MATHEMATICS	DSE-1A	Linear Algebra	9	6	54	2021	8.40	Q
	PHYSICS	DSE-2A	Nuclear and Particle Physics	7	6	42	2021		
	COMPUTER SCIENCE	DSE-3A	Programming in Java	9	6	54	2021		
	PHYSICS	SEC-3	Computational Physics Skills	9	2	18	2021		
VI	MATHEMATICS	DSE-1B	Numerical Methods	9	6	54	2022	8.70	Q
	PHYSICS	DSE-2B	Digital, Analog and Instrumentation	8	6	48	2022		
	COMPUTER SCIENCE	DSE-3B	Computer Networks	9	6	54	2022		
	PHYSICS	SEC-4	Electrical Circuits and Network Skills	9	2	18	2022		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.80						Letter Grade in CGPA : A		Result : Q	


Date of Publication of Result : 29.07.2022

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

Anindya Zohi Pal

Controller of Examinations

Course Type	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 [any one or more semester(s) is/are 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				Percentage Conversion Formula: = (SGPA or CGPA × 10) - 5.0
	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)	



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE GENERAL FINAL EXAMINATION 2022 UNDER CBCS
GRADE CARD

Name : SUDIPTA SWARNAKAR

Roll No. 190631010026

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of All Courses	Result Code
I	BOTANY	CC-1A	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	7	6	42	2019	6.64	Q
	ZOOLOGY	CC-2A	Animal Diversity	6	6	36	2019		
	PLANT PROTECTION	CC-3A	Pests and Vectors	8	6	48	2019		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	5	4	20	2019		
II	BOTANY	CC-1B	Plant Ecology and Taxonomy	8	6	48	2020	8.30	Q
	ZOOLOGY	CC-2B	Comparative Anatomy & Developmental Biology of Vertebrates	8	6	48	2020		
	PLANT PROTECTION	CC-3B	Pest Management	9	6	54	2020		
	Communicative English/MIL	AECC-2	Bengali	8	2	16	2020		
III	BOTANY	CC-1C	Plant Anatomy and Embryology	8	6	48	2020	8.50	Q
	ZOOLOGY	CC-2C	Physiology and Biochemistry	8	6	48	2020		
	PLANT PROTECTION	CC-3C	Bionomics, Plant Diseases and their Management	9	6	54	2020		
	PLANT PROTECTION	SEC-1	Green Pesticides	10	2	20	2020		
IV	BOTANY	CC-1D	Plant Physiology and Metabolism	9	6	54	2021	9.40	Q
	ZOOLOGY	CC-2D	Genetics and Evolutionary Biology	9	6	54	2021		
	PLANT PROTECTION	CC-3D	Plant's Defence Mechanism	10	6	60	2021		
	PLANT PROTECTION	SEC-2	Formulation and Application of Pesticides and Their Precautions	10	2	20	2021		
V	BOTANY	DSE-1A	Economic Botany and Biotechnology	8	6	48	2021	8.80	Q
	ZOOLOGY	DSE-2A	Applied Zoology	9	6	54	2021		
	PLANT PROTECTION	DSE-3A	Integrated Pest Management	9	6	54	2021		
	ZOOLOGY	SEC-3	Sericulture	10	2	20	2021		
VI	BOTANY	DSE-1B	Cell Biology, Genetics and Molecular Biology	9	6	54	2022	9.10	Q
	ZOOLOGY	DSE-2B	Insects, Vectors and Diseases	9	6	54	2022		
	PLANT PROTECTION	DSE-3B	Dissertation	9	6	54	2022		
	ZOOLOGY	SEC-4	Community Nutrition and Health Statistics	10	2	20	2022		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.43						Letter Grade in CGPA : A+		Result : Q	


Date of Publication of Result : 29.07.2022

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

Anindya Zohi Pal

Controller of Examinations

Course Type	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 [any one or more semester(s) is/are 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				Percentage Conversion Formula: = (SGPA or CGPA × 10) - 5.0
	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)	



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE GENERAL FINAL EXAMINATION 2022 UNDER CBCS
GRADE CARD

Name : TRISHNA GORAI

Roll No. 190631010027

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of All Courses	Result Code
I	PHYSICS	CC-1A	Mechanics	7	6	42	2019	6.82	Q
	MATHEMATICS	CC-2A	Differential Calculus	6	6	36	2019		
	CHEMISTRY	CC-3A	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	8	6	48	2019		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2019		
II	PHYSICS	CC-1B	Electricity and Magnetism	8	6	48	2020	8.10	Q
	MATHEMATICS	CC-2B	Differential Equations	8	6	48	2020		
	CHEMISTRY	CC-3B	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	8	6	48	2020		
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2020		
III	PHYSICS	CC-1C	Thermal Physics and Statistical Mechanics	8	6	48	2020	8.40	Q
	MATHEMATICS	CC-2C	Real Analysis	8	6	48	2020		
	CHEMISTRY	CC-3C	Chemical Energetic, Equilibria, Organic Chemistry	9	6	54	2020		
	MATHEMATICS	SEC-1	Logic and Sets	9	2	18	2020		
IV	PHYSICS	CC-1D	Waves and Optics	9	6	54	2021	9.10	Q
	MATHEMATICS	CC-2D	Algebra	9	6	54	2021		
	CHEMISTRY	CC-3D	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	9	6	54	2021		
	MATHEMATICS	SEC-2	Vector Calculus	10	2	20	2021		
V	PHYSICS	DSE-1A	Elements of Modern Physics	8	6	48	2021	8.50	Q
	MATHEMATICS	DSE-2A	Linear Algebra	10	6	60	2021		
	CHEMISTRY	DSE-3A	Transition Metal & Co-ordination Chemistry, Analytical and Industrial Chemistry	8	6	48	2021		
	CHEMISTRY	SEC-3	Basics & Application of Computer in Chemistry	7	2	14	2021		
VI	PHYSICS	DSE-1B	Digital, Analog and Instrumentation	9	6	54	2022	8.80	Q
	MATHEMATICS	DSE-2B	Numerical Methods	9	6	54	2022		
	CHEMISTRY	DSE-3B	Functional Group Organic Chemistry and Industrial Chemistry	9	6	54	2022		
	CHEMISTRY	SEC-4	Polymer Chemistry	7	2	14	2022		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.26							Letter Grade in CGPA : A+	Result : Q	


Date of Publication of Result : 29.07.2022

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Anindya Zohi Pal

Controller of Examinations

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	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)	