



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE GENERAL FINAL EXAMINATION 2023 UNDER CBCS
GRADE CARD

Name : AISHWARYA MITRA

Roll No. 200631010001

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	2020	8.27	Q
	BOTANY	CC-2A	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	8	6	48	2020		
	PHYSIOLOGY	CC-3A	Cellular Physiology, Biophysics, Biochemistry of Biomolecules	9	6	54	2020		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2020		
II	ZOOLOGY	CC-1B	Comparative Anatomy & Developmental Biology of Vertebrates	9	6	54	2021	9.30	Q
	BOTANY	CC-2B	Plant Ecology and Taxonomy	9	6	54	2021		
	PHYSIOLOGY	CC-3B	Digestion and Metabolism	10	6	60	2021		
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2021		
III	ZOOLOGY	CC-1C	Physiology and Biochemistry	8	6	48	2021	8.20	Q
	BOTANY	CC-2C	Plant Anatomy and Embryology	8	6	48	2021		
	PHYSIOLOGY	CC-3C	Respiratory and Cardiovascular Physiology	9	6	54	2021		
	BOTANY	SEC-1	Biofertilizers	7	2	14	2021		
IV	ZOOLOGY	CC-1D	Genetics and Evolutionary Biology	8	6	48	2022	8.30	Q
	BOTANY	CC-2D	Plant Physiology and Metabolism	9	6	54	2022		
	PHYSIOLOGY	CC-3D	Endocrinology, Renal Physiology, Skin and Body Temperature Regulation	8	6	48	2022		
	BOTANY	SEC-2	Medicinal Botany	8	2	16	2022		
V	ZOOLOGY	DSE-1A	Applied Zoology	9	6	54	2022	8.50	Q
	BOTANY	DSE-2A	Economic Botany and Biotechnology	8	6	48	2022		
	PHYSIOLOGY	DSE-3A	Muscle and Nerve Physiology	9	6	54	2022		
	PHYSIOLOGY	SEC-3	Immunology	7	2	14	2022		
VI	ZOOLOGY	DSE-1B	Insects, Vectors and Diseases	9	6	54	2023	7.90	Q
	BOTANY	DSE-2B	Cell Biology, Genetics and Molecular Biology	6	6	36	2023		
	PHYSIOLOGY	DSE-3B	Reproductive Physiology	9	6	54	2023		
	PHYSIOLOGY	SEC-4	Environmental Physiology	7	2	14	2023		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.41							Letter Grade in CGPA : A+	Result : Q	


Date of Publication of Result : 18.10.2023

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

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 2023 UNDER CBCS
GRADE CARD

Name : ANKITA MANDAL

Roll No. 200631010002

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	2020	8.73	Q
	BOTANY	CC-2A	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	8	6	48	2020		
	PHYSIOLOGY	CC-3A	Cellular Physiology, Biophysics, Biochemistry of Biomolecules	10	6	60	2020		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2020		
II	ZOOLOGY	CC-1B	Comparative Anatomy & Developmental Biology of Vertebrates	9	6	54	2021	9.00	Q
	BOTANY	CC-2B	Plant Ecology and Taxonomy	8	6	48	2021		
	PHYSIOLOGY	CC-3B	Digestion and Metabolism	10	6	60	2021		
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2021		
III	ZOOLOGY	CC-1C	Physiology and Biochemistry	8	6	48	2021	8.50	Q
	BOTANY	CC-2C	Plant Anatomy and Embryology	9	6	54	2021		
	PHYSIOLOGY	CC-3C	Respiratory and Cardiovascular Physiology	9	6	54	2021		
	BOTANY	SEC-1	Biofertilizers	7	2	14	2021		
IV	ZOOLOGY	CC-1D	Genetics and Evolutionary Biology	8	6	48	2022	8.20	Q
	BOTANY	CC-2D	Plant Physiology and Metabolism	9	6	54	2022		
	PHYSIOLOGY	CC-3D	Endocrinology, Renal Physiology, Skin and Body Temperature Regulation	8	6	48	2022		
	BOTANY	SEC-2	Medicinal Botany	7	2	14	2022		
V	ZOOLOGY	DSE-1A	Applied Zoology	8	6	48	2022	7.90	Q
	BOTANY	DSE-2A	Economic Botany and Biotechnology	8	6	48	2022		
	PHYSIOLOGY	DSE-3A	Muscle and Nerve Physiology	8	6	48	2022		
	PHYSIOLOGY	SEC-3	Immunology	7	2	14	2022		
VI	ZOOLOGY	DSE-1B	Insects, Vectors and Diseases	8	6	48	2023	7.70	Q
	BOTANY	DSE-2B	Cell Biology, Genetics and Molecular Biology	7	6	42	2023		
	PHYSIOLOGY	DSE-3B	Reproductive Physiology	8	6	48	2023		
	PHYSIOLOGY	SEC-4	Environmental Physiology	8	2	16	2023		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.34							Letter Grade in CGPA : A+	Result : Q	


Date of Publication of Result : 18.10.2023

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

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
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GRADE CARD

Name : ARIJIT PAYNE

Roll No. 200631010004

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	2020	8.00	Q
	COMPUTER SCIENCE	CC-2A	Problem Solving using Computer	8	6	48	2020		
	PHYSICS	CC-3A	Mechanics	9	6	54	2020		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2020		
II	CHEMISTRY	CC-1B	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	9	6	54	2021	8.90	Q
	COMPUTER SCIENCE	CC-2B	Database Management Systems	9	6	54	2021		
	PHYSICS	CC-3B	Electricity and Magnetism	9	6	54	2021		
	Communicative English/MIL	AECC-2	Bengali	8	2	16	2021		
III	CHEMISTRY	CC-1C	Chemical Energetic, Equilibria, Organic Chemistry	7	6	42	2021	7.80	Q
	COMPUTER SCIENCE	CC-2C	Operating Systems	7	6	42	2021		
	PHYSICS	CC-3C	Thermal Physics and Statistical Mechanics	9	6	54	2021		
	COMPUTER SCIENCE	SEC-1	Office Automation Tools	9	2	18	2021		
IV	CHEMISTRY	CC-1D	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	8	6	48	2022	8.70	Q
	COMPUTER SCIENCE	CC-2D	Computer System Architecture	9	6	54	2022		
	PHYSICS	CC-3D	Waves and Optics	9	6	54	2022		
	PHYSICS	SEC-2	Weather Forecasting	9	2	18	2022		
V	CHEMISTRY	DSE-1A	Transition Metal & Co-ordination Chemistry, Analytical and Industrial Chemistry	NC	6	NC			SNC
	COMPUTER SCIENCE	DSE-2A	Programming in Java	NC	6	NC			
	PHYSICS	DSE-3A	Elements of Modern Physics	NC	6	NC			
	ELECTRONICS	SEC-3	Computational Physics Skills	NC	2	NC			
VI	CHEMISTRY	DSE-1B	Functional Group Organic Chemistry and Industrial Chemistry	7	6	42	2023	6.60	Q
	COMPUTER SCIENCE	DSE-2B	Computer Networks	5	6	30	2023		
	PHYSICS	DSE-3B	Digital, Analog and Instrumentation	7	6	42	2023		
	COMPUTER SCIENCE	SEC-4	Programming in Visual Basic	9	2	18	2023		
CGPA (Cumulative Grade Point Average) on the basis of All Courses :						Letter Grade in CGPA :	Result : PNC		


Date of Publication of Result : 18.10.2023

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

Anindya Zohi Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
	CGPA	Letter Grade	CGPA	Letter Grade	
CC – Core Course					Q – Qualified
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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 2023 UNDER CBCS
GRADE CARD

Name : ASRAFUL MOLLICK

Roll No. 200631010005

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	2020	7.82	Q
	COMPUTER SCIENCE	CC-2A	Problem Solving using Computer	8	6	48	2020		
	PHYSICS	CC-3A	Mechanics	9	6	54	2020		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2020		
II	CHEMISTRY	CC-1B	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	9	6	54	2021	8.60	Q
	COMPUTER SCIENCE	CC-2B	Database Management Systems	8	6	48	2021		
	PHYSICS	CC-3B	Electricity and Magnetism	9	6	54	2021		
	Communicative English/MIL	AECC-2	Bengali	8	2	16	2021		
III	CHEMISTRY	CC-1C	Chemical Energetic, Equilibria, Organic Chemistry	7	6	42	2021	7.80	Q
	COMPUTER SCIENCE	CC-2C	Operating Systems	7	6	42	2021		
	PHYSICS	CC-3C	Thermal Physics and Statistical Mechanics	9	6	54	2021		
	COMPUTER SCIENCE	SEC-1	Office Automation Tools	9	2	18	2021		
IV	CHEMISTRY	CC-1D	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	8	6	48	2022	8.60	Q
	COMPUTER SCIENCE	CC-2D	Computer System Architecture	9	6	54	2022		
	PHYSICS	CC-3D	Waves and Optics	9	6	54	2022		
	PHYSICS	SEC-2	Weather Forecasting	8	2	16	2022		
V	CHEMISTRY	DSE-1A	Transition Metal & Co-ordination Chemistry, Analytical and Industrial Chemistry	NC	6	NC			SNC
	COMPUTER SCIENCE	DSE-2A	Programming in Java	NC	6	NC			
	PHYSICS	DSE-3A	Elements of Modern Physics	5	6	30	2022		
	ELECTRONICS	SEC-3	Computational Physics Skills	4	2	8	2022		
VI	CHEMISTRY	DSE-1B	Functional Group Organic Chemistry and Industrial Chemistry	7	6	42	2023		SNC
	COMPUTER SCIENCE	DSE-2B	Computer Networks	NC	6	NC			
	PHYSICS	DSE-3B	Digital, Analog and Instrumentation	7	6	42	2023		
	COMPUTER SCIENCE	SEC-4	Programming in Visual Basic	9	2	18	2023		
CGPA (Cumulative Grade Point Average) on the basis of All Courses :						Letter Grade in CGPA :	Result : PNC		

Date of Publication of Result : 18.10.2023

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

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
	Percentage	Grade Point	
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 2023 UNDER CBCS
GRADE CARD

Name : BAPPA MONDAL

Roll No. 200631010006

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	PLANT PROTECTION	CC-1A	Pests and Vectors	9	6	54	2020	7.55	Q
	ZOOLOGY	CC-2A	Animal Diversity	7	6	42	2020		
	BOTANY	CC-3A	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	7	6	42	2020		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2020		
II	PLANT PROTECTION	CC-1B	Pest Management	9	6	54	2021	8.30	Q
	ZOOLOGY	CC-2B	Comparative Anatomy & Developmental Biology of Vertebrates	8	6	48	2021		
	BOTANY	CC-3B	Plant Ecology and Taxonomy	8	6	48	2021		
	Communicative English/MIL	AECC-2	Communicative English	8	2	16	2021		
III	PLANT PROTECTION	CC-1C	Bionomics, Plant Diseases and their Management	9	6	54	2021	8.10	Q
	ZOOLOGY	CC-2C	Physiology and Biochemistry	7	6	42	2021		
	BOTANY	CC-3C	Plant Anatomy and Embryology	8	6	48	2021		
	PLANT PROTECTION	SEC-1	Green Pesticides	9	2	18	2021		
IV	PLANT PROTECTION	CC-1D	Plant's Defence Mechanism	9	6	54	2022	9.00	Q
	ZOOLOGY	CC-2D	Genetics and Evolutionary Biology	9	6	54	2022		
	BOTANY	CC-3D	Plant Physiology and Metabolism	9	6	54	2022		
	PLANT PROTECTION	SEC-2	Formulation and Application of Pesticides and Their Precautions	9	2	18	2022		
V	PLANT PROTECTION	DSE-1A	Integrated Pest Management	10	6	60	2022	8.90	Q
	ZOOLOGY	DSE-2A	Applied Zoology	9	6	54	2022		
	BOTANY	DSE-3A	Economic Botany and Biotechnology	8	6	48	2022		
	ZOOLOGY	SEC-3	Sericulture	8	2	16	2022		
VI	BOTANY	DSE-1B	Dissertation	9	6	54	2023	8.30	Q
	ZOOLOGY	DSE-2B	Insects, Vectors and Diseases	9	6	54	2023		
	BOTANY	DSE-3B	Cell Biology, Genetics and Molecular Biology	7	6	42	2023		
	ZOOLOGY	SEC-4	Community Nutrition and Health Statistics	8	2	16	2023		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.34						Letter Grade in CGPA : A+		Result : Q	

Date of Publication of Result : 18.10.2023

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

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 2023 UNDER CBCS
GRADE CARD

Name : **BIKRAM GHOSH**Roll No. **200631010007**

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	9	6	54	2020	9.00	Q
	MATHEMATICS	CC-2A	Differential Calculus	9	6	54	2020		
	PHYSICS	CC-3A	Mechanics	9	6	54	2020		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2020		
II	CHEMISTRY	CC-1B	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	10	6	60	2021	9.60	Q
	MATHEMATICS	CC-2B	Differential Equations	10	6	60	2021		
	PHYSICS	CC-3B	Electricity and Magnetism	9	6	54	2021		
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2021		
III	CHEMISTRY	CC-1C	Chemical Energetic, Equilibria, Organic Chemistry	9	6	54	2021	9.40	Q
	MATHEMATICS	CC-2C	Real Analysis	10	6	60	2021		
	PHYSICS	CC-3C	Thermal Physics and Statistical Mechanics	9	6	54	2021		
	PHYSICS	SEC-1	Renewable Energy and Energy Harvesting	10	2	20	2021		
IV	CHEMISTRY	CC-1D	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	8	6	48	2022	8.60	Q
	MATHEMATICS	CC-2D	Algebra	9	6	54	2022		
	PHYSICS	CC-3D	Waves and Optics	9	6	54	2022		
	PHYSICS	SEC-2	Weather Forecasting	8	2	16	2022		
V	CHEMISTRY	DSE-1A	Transition Metal & Co-ordination Chemistry, Analytical and Industrial Chemistry	7	6	42	2022	5.90	Q
	MATHEMATICS	DSE-2A	Matrices	5	6	30	2022		
	PHYSICS	DSE-3A	Elements of Modern Physics	5	6	30	2022		
	CHEMISTRY	SEC-3	Basics & Application of Computer in Chemistry	8	2	16	2022		
VI	CHEMISTRY	DSE-1B	Functional Group Organic Chemistry and Industrial Chemistry	7	6	42	2023	6.50	Q
	MATHEMATICS	DSE-2B	Numerical Methods	5	6	30	2023		
	PHYSICS	DSE-3B	Digital, Analog and Instrumentation	7	6	42	2023		
	CHEMISTRY	SEC-4	Polymer Chemistry	8	2	16	2023		
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 : 18.10.2023

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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)	



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GRADE CARD

Name : **BIKRAM GORAI**Roll No. **200631010008**

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	9	6	54	2020	9.27	Q
	CHEMISTRY	CC-2A	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	10	6	60	2020		
	PHYSICS	CC-3A	Mechanics	9	6	54	2020		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2020		
II	MATHEMATICS	CC-1B	Differential Equations	10	6	60	2021	9.70	Q
	CHEMISTRY	CC-2B	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	10	6	60	2021		
	PHYSICS	CC-3B	Electricity and Magnetism	9	6	54	2021		
	Communicative English/MIL	AECC-2	Communicative English	10	2	20	2021		
III	MATHEMATICS	CC-1C	Real Analysis	9	6	54	2021	9.00	Q
	CHEMISTRY	CC-2C	Chemical Energetic, Equilibria, Organic Chemistry	9	6	54	2021		
	PHYSICS	CC-3C	Thermal Physics and Statistical Mechanics	9	6	54	2021		
	PHYSICS	SEC-1	Renewable Energy and Energy Harvesting	9	2	18	2021		
IV	MATHEMATICS	CC-1D	Algebra	10	6	60	2022	9.00	Q
	CHEMISTRY	CC-2D	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	8	6	48	2022		
	PHYSICS	CC-3D	Waves and Optics	9	6	54	2022		
	PHYSICS	SEC-2	Weather Forecasting	9	2	18	2022		
V	MATHEMATICS	DSE-1A	Matrices	6	6	36	2022	6.10	Q
	CHEMISTRY	DSE-2A	Transition Metal & Co-ordination Chemistry, Analytical and Industrial Chemistry	7	6	42	2022		
	PHYSICS	DSE-3A	Elements of Modern Physics	5	6	30	2022		
	CHEMISTRY	SEC-3	Basics & Application of Computer in Chemistry	7	2	14	2022		
VI	MATHEMATICS	DSE-1B	Numerical Methods	5	6	30	2023	6.50	Q
	CHEMISTRY	DSE-2B	Functional Group Organic Chemistry and Industrial Chemistry	7	6	42	2023		
	PHYSICS	DSE-3B	Digital, Analog and Instrumentation	7	6	42	2023		
	CHEMISTRY	SEC-4	Polymer Chemistry	8	2	16	2023		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.28							Letter Grade in CGPA : A+	Result : Q	


Date of Publication of Result : 18.10.2023

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

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 2023 UNDER CBCS
GRADE CARD

Name : BUDDHADEB MAL

Roll No. 200631010009

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	9	6	54	2020	9.27	Q
	CHEMISTRY	CC-2A	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	9	6	54	2020		
	MATHEMATICS	CC-3A	Differential Calculus	10	6	60	2020		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2020		
II	PHYSICS	CC-1B	Electricity and Magnetism	9	6	54	2021	9.30	Q
	CHEMISTRY	CC-2B	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	9	6	54	2021		
	MATHEMATICS	CC-3B	Differential Equations	10	6	60	2021		
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2021		
III	PHYSICS	CC-1C	Thermal Physics and Statistical Mechanics	9	6	54	2021	9.00	Q
	CHEMISTRY	CC-2C	Chemical Energetic, Equilibria, Organic Chemistry	9	6	54	2021		
	MATHEMATICS	CC-3C	Real Analysis	9	6	54	2021		
	PHYSICS	SEC-1	Renewable Energy and Energy Harvesting	9	2	18	2021		
IV	PHYSICS	CC-1D	Waves and Optics	9	6	54	2022	8.90	Q
	CHEMISTRY	CC-2D	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	8	6	48	2022		
	MATHEMATICS	CC-3D	Algebra	10	6	60	2022		
	PHYSICS	SEC-2	Weather Forecasting	8	2	16	2022		
V	PHYSICS	DSE-1A	Elements of Modern Physics	6	6	36	2022	6.80	Q
	CHEMISTRY	DSE-2A	Transition Metal & Co-ordination Chemistry, Analytical and Industrial Chemistry	7	6	42	2022		
	MATHEMATICS	DSE-3A	Matrices	7	6	42	2022		
	CHEMISTRY	SEC-3	Basics & Application of Computer in Chemistry	8	2	16	2022		
VI	PHYSICS	DSE-1B	Digital, Analog and Instrumentation	7	6	42	2023	6.80	Q
	CHEMISTRY	DSE-2B	Functional Group Organic Chemistry and Industrial Chemistry	8	6	48	2023		
	MATHEMATICS	DSE-3B	Numerical Methods	5	6	30	2023		
	CHEMISTRY	SEC-4	Polymer Chemistry	8	2	16	2023		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.36							Letter Grade in CGPA : A+	Result : Q	


Date of Publication of Result : 18.10.2023

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

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 2023 UNDER CBCS
GRADE CARD

Name : DEBANJANA GUPTA

Roll No. 200631010010

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	2020	8.45	Q
	ZOOLOGY	CC-2A	Animal Diversity	8	6	48	2020		
	PHYSIOLOGY	CC-3A	Cellular Physiology, Biophysics, Biochemistry of Biomolecules	9	6	54	2020		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2020		
II	BOTANY	CC-1B	Plant Ecology and Taxonomy	9	6	54	2021	9.00	Q
	ZOOLOGY	CC-2B	Comparative Anatomy & Developmental Biology of Vertebrates	9	6	54	2021		
	PHYSIOLOGY	CC-3B	Digestion and Metabolism	9	6	54	2021		
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2021		
III	BOTANY	CC-1C	Plant Anatomy and Embryology	7	6	42	2021	7.60	Q
	ZOOLOGY	CC-2C	Physiology and Biochemistry	7	6	42	2021		
	PHYSIOLOGY	CC-3C	Respiratory and Cardiovascular Physiology	9	6	54	2021		
	BOTANY	SEC-1	Biofertilizers	7	2	14	2021		
IV	BOTANY	CC-1D	Plant Physiology and Metabolism	9	6	54	2022	8.60	Q
	ZOOLOGY	CC-2D	Genetics and Evolutionary Biology	9	6	54	2022		
	PHYSIOLOGY	CC-3D	Endocrinology, Renal Physiology, Skin and Body Temperature Regulation	8	6	48	2022		
	BOTANY	SEC-2	Medicinal Botany	8	2	16	2022		
V	BOTANY	DSE-1A	Economic Botany and Biotechnology	8	6	48	2022	7.50	Q
	ZOOLOGY	DSE-2A	Applied Zoology	8	6	48	2022		
	PHYSIOLOGY	DSE-3A	Muscle and Nerve Physiology	6	6	36	2022		
	PHYSIOLOGY	SEC-3	Immunology	9	2	18	2022		
VI	BOTANY	DSE-1B	Cell Biology, Genetics and Molecular Biology	7	6	42	2023	8.30	Q
	ZOOLOGY	DSE-2B	Insects, Vectors and Diseases	9	6	54	2023		
	PHYSIOLOGY	DSE-3B	Reproductive Physiology	9	6	54	2023		
	PHYSIOLOGY	SEC-4	Environmental Physiology	8	2	16	2023		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.25							Letter Grade in CGPA : A+	Result : Q	


Date of Publication of Result : 18.10.2023

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

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 2023 UNDER CBCS
GRADE CARD

Name : DIPTENDU MAJUMDER

Roll No. 200631010011

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	10	6	60	2020	9.36	Q
	PHYSICS	CC-2A	Mechanics	10	6	60	2020		
	CHEMISTRY	CC-3A	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	9	6	54	2020		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2020		
II	MATHEMATICS	CC-1B	Differential Equations	10	6	60	2021	9.30	Q
	PHYSICS	CC-2B	Electricity and Magnetism	9	6	54	2021		
	CHEMISTRY	CC-3B	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	9	6	54	2021		
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2021		
III	MATHEMATICS	CC-1C	Real Analysis	9	6	54	2021	9.30	Q
	PHYSICS	CC-2C	Thermal Physics and Statistical Mechanics	9	6	54	2021		
	CHEMISTRY	CC-3C	Chemical Energetic, Equilibria, Organic Chemistry	10	6	60	2021		
	PHYSICS	SEC-1	Renewable Energy and Energy Harvesting	9	2	18	2021		
IV	MATHEMATICS	CC-1D	Algebra	10	6	60	2022	9.20	Q
	PHYSICS	CC-2D	Waves and Optics	9	6	54	2022		
	CHEMISTRY	CC-3D	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	9	6	54	2022		
	PHYSICS	SEC-2	Weather Forecasting	8	2	16	2022		
V	MATHEMATICS	DSE-1A	Matrices	7	6	42	2022	7.40	Q
	PHYSICS	DSE-2A	Elements of Modern Physics	6	6	36	2022		
	CHEMISTRY	DSE-3A	Transition Metal & Co-ordination Chemistry, Analytical and Industrial Chemistry	9	6	54	2022		
	CHEMISTRY	SEC-3	Basics & Application of Computer in Chemistry	8	2	16	2022		
VI	MATHEMATICS	DSE-1B	Numerical Methods	6	6	36	2023	7.10	Q
	PHYSICS	DSE-2B	Digital, Analog and Instrumentation	7	6	42	2023		
	CHEMISTRY	DSE-3B	Functional Group Organic Chemistry and Industrial Chemistry	8	6	48	2023		
	CHEMISTRY	SEC-4	Polymer Chemistry	8	2	16	2023		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.62							Letter Grade in CGPA : A+	Result : Q	


Date of Publication of Result : 18.10.2023

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

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 2023 UNDER CBCS
GRADE CARD

Name : DOYEL BHAKAT

Roll No. 200631010012

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	10	6	60	2020	9.55	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	10	6	60	2020		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2020		
II	MATHEMATICS	CC-1B	Differential Equations	10	6	60	2021	9.60	Q
	PHYSICS	CC-2B	Electricity and Magnetism	9	6	54	2021		
	CHEMISTRY	CC-3B	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	10	6	60	2021		
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2021		
III	MATHEMATICS	CC-1C	Real Analysis	10	6	60	2021	9.40	Q
	PHYSICS	CC-2C	Thermal Physics and Statistical Mechanics	9	6	54	2021		
	CHEMISTRY	CC-3C	Chemical Energetic, Equilibria, Organic Chemistry	9	6	54	2021		
	PHYSICS	SEC-1	Renewable Energy and Energy Harvesting	10	2	20	2021		
IV	MATHEMATICS	CC-1D	Algebra	10	6	60	2022	9.30	Q
	PHYSICS	CC-2D	Waves and Optics	9	6	54	2022		
	CHEMISTRY	CC-3D	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	9	6	54	2022		
	PHYSICS	SEC-2	Weather Forecasting	9	2	18	2022		
V	MATHEMATICS	DSE-1A	Matrices	7	6	42	2022	6.80	Q
	PHYSICS	DSE-2A	Elements of Modern Physics	5	6	30	2022		
	CHEMISTRY	DSE-3A	Transition Metal & Co-ordination Chemistry, Analytical and Industrial Chemistry	8	6	48	2022		
	CHEMISTRY	SEC-3	Basics & Application of Computer in Chemistry	8	2	16	2022		
VI	MATHEMATICS	DSE-1B	Numerical Methods	5	6	30	2023	6.80	Q
	PHYSICS	DSE-2B	Digital, Analog and Instrumentation	7	6	42	2023		
	CHEMISTRY	DSE-3B	Functional Group Organic Chemistry and Industrial Chemistry	8	6	48	2023		
	CHEMISTRY	SEC-4	Polymer Chemistry	8	2	16	2023		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.59							Letter Grade in CGPA : A+	Result : Q	


Date of Publication of Result : 18.10.2023

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

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 2023 UNDER CBCS
GRADE CARD

Name : FIRDOUS AHAMMAD KHAN

Roll No. 200631010013

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)	7	6	42	2020	7.09	Q
	ZOOLOGY	CC-2A	Animal Diversity	7	6	42	2020		
	PHYSIOLOGY	CC-3A	Cellular Physiology, Biophysics, Biochemistry of Biomolecules	8	6	48	2020		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2020		
II	BOTANY	CC-1B	Plant Ecology and Taxonomy	7	6	42	2021	7.70	Q
	ZOOLOGY	CC-2B	Comparative Anatomy & Developmental Biology of Vertebrates	8	6	48	2021		
	PHYSIOLOGY	CC-3B	Digestion and Metabolism	8	6	48	2021		
	Communicative English/MIL	AECC-2	Communicative English	8	2	16	2021		
III	BOTANY	CC-1C	Plant Anatomy and Embryology	7	6	42	2021	6.90	Q
	ZOOLOGY	CC-2C	Physiology and Biochemistry	7	6	42	2021		
	PHYSIOLOGY	CC-3C	Respiratory and Cardiovascular Physiology	7	6	42	2021		
	BOTANY	SEC-1	Biofertilizers	6	2	12	2021		
IV	BOTANY	CC-1D	Plant Physiology and Metabolism	8	6	48	2022	8.20	Q
	ZOOLOGY	CC-2D	Genetics and Evolutionary Biology	9	6	54	2022		
	PHYSIOLOGY	CC-3D	Endocrinology, Renal Physiology, Skin and Body Temperature Regulation	8	6	48	2022		
	BOTANY	SEC-2	Medicinal Botany	7	2	14	2022		
V	BOTANY	DSE-1A	Economic Botany and Biotechnology	9	6	54	2022	8.90	Q
	ZOOLOGY	DSE-2A	Applied Zoology	9	6	54	2022		
	PHYSIOLOGY	DSE-3A	Muscle and Nerve Physiology	9	6	54	2022		
	PHYSIOLOGY	SEC-3	Immunology	8	2	16	2022		
VI	BOTANY	DSE-1B	Cell Biology, Genetics and Molecular Biology	7	6	42	2023	8.10	Q
	ZOOLOGY	DSE-2B	Insects, Vectors and Diseases	8	6	48	2023		
	PHYSIOLOGY	DSE-3B	Reproductive Physiology	9	6	54	2023		
	PHYSIOLOGY	SEC-4	Environmental Physiology	9	2	18	2023		
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 : 18.10.2023

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

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
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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 2023 UNDER CBCS
GRADE CARD

Name : INDRANIL MAL

Roll No. 200631010014

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)	8	6	48	2020	8.45	Q
	PHYSIOLOGY	CC-2A	Cellular Physiology, Biophysics, Biochemistry of Biomolecules	9	6	54	2020		
	PLANT PROTECTION	CC-3A	Pests and Vectors	8	6	48	2020		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2020		
II	BOTANY	CC-1B	Plant Ecology and Taxonomy	9	6	54	2021	8.90	Q
	PHYSIOLOGY	CC-2B	Digestion and Metabolism	9	6	54	2021		
	PLANT PROTECTION	CC-3B	Pest Management	9	6	54	2021		
	Communicative English/MIL	AECC-2	Bengali	8	2	16	2021		
III	BOTANY	CC-1C	Plant Anatomy and Embryology	9	6	54	2021	8.70	Q
	PHYSIOLOGY	CC-2C	Respiratory and Cardiovascular Physiology	8	6	48	2021		
	PLANT PROTECTION	CC-3C	Bionomics, Plant Diseases and their Management	9	6	54	2021		
	PLANT PROTECTION	SEC-1	Green Pesticides	9	2	18	2021		
IV	BOTANY	CC-1D	Plant Physiology and Metabolism	9	6	54	2022	8.80	Q
	PHYSIOLOGY	CC-2D	Endocrinology, Renal Physiology, Skin and Body Temperature Regulation	8	6	48	2022		
	PLANT PROTECTION	CC-3D	Plant's Defence Mechanism	9	6	54	2022		
	PLANT PROTECTION	SEC-2	Formulation and Application of Pesticides and Their Precautions	10	2	20	2022		
V	BOTANY	DSE-1A	Economic Botany and Biotechnology	9	6	54	2022	8.90	Q
	PHYSIOLOGY	DSE-2A	Muscle and Nerve Physiology	8	6	48	2022		
	PLANT PROTECTION	DSE-3A	Integrated Pest Management	10	6	60	2022		
	PHYSIOLOGY	SEC-3	Immunology	8	2	16	2022		
VI	BOTANY	DSE-1B	Cell Biology, Genetics and Molecular Biology	7	6	42	2023	8.40	Q
	PHYSIOLOGY	DSE-2B	Reproductive Physiology	9	6	54	2023		
	BOTANY	DSE-3B	Dissertation	9	6	54	2023		
	PHYSIOLOGY	SEC-4	Environmental Physiology	9	2	18	2023		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.69						Letter Grade in CGPA : A+		Result : Q	


Date of Publication of Result : 18.10.2023

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

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 2023 UNDER CBCS
GRADE CARD

Name : KAZI SAHIL RAHAMAN

Roll No. 200631010016

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	2020	6.73	Q
	PHYSIOLOGY	CC-2A	Cellular Physiology, Biophysics, Biochemistry of Biomolecules	7	6	42	2020		
	BOTANY	CC-3A	Biodiversity (Microbes, Algae, Fungi and Archeogoniatae)	7	6	42	2020		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2020		
II	ZOOLOGY	CC-1B	Comparative Anatomy & Developmental Biology of Vertebrates	8	6	48	2021	7.60	Q
	PHYSIOLOGY	CC-2B	Digestion and Metabolism	8	6	48	2021		
	BOTANY	CC-3B	Plant Ecology and Taxonomy	7	6	42	2021		
	Communicative English/MIL	AECC-2	Bengali	7	2	14	2021		
III	ZOOLOGY	CC-1C	Physiology and Biochemistry	5	6	30	2022	5.00	Q
	PHYSIOLOGY	CC-2C	Respiratory and Cardiovascular Physiology	5	6	30	2022		
	BOTANY	CC-3C	Plant Anatomy and Embryology	5	6	30	2022		
	ZOOLOGY	SEC-1	Apiculture	5	2	10	2022		
IV	ZOOLOGY	CC-1D	Genetics and Evolutionary Biology	NC	6	NC		SNC	
	PHYSIOLOGY	CC-2D	Endocrinology, Renal Physiology, Skin and Body Temperature Regulation	NC	6	NC			
	BOTANY	CC-3D	Plant Physiology and Metabolism	NC	6	NC			
	PHYSIOLOGY	SEC-2	Social Physiology	7	2	14	2022		
V	ZOOLOGY	DSE-1A	Applied Zoology	7	6	42	2022	6.30	Q
	PHYSIOLOGY	DSE-2A	Muscle and Nerve Physiology	6	6	36	2022		
	BOTANY	DSE-3A	Economic Botany and Biotechnology	6	6	36	2022		
	PHYSIOLOGY	SEC-3	Microbiology	6	2	12	2022		
VI	ZOOLOGY	DSE-1B	Insects, Vectors and Diseases	8	6	48	2023	7.40	Q
	PHYSIOLOGY	DSE-2B	Reproductive Physiology	9	6	54	2023		
	BOTANY	DSE-3B	Cell Biology, Genetics and Molecular Biology	6	6	36	2023		
	ZOOLOGY	SEC-4	Community Nutrition and Health Statistics	5	2	10	2023		
CGPA (Cumulative Grade Point Average) on the basis of All Courses :						Letter Grade in CGPA :	Result : PNC		


Date of Publication of Result : 18.10.2023

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

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 2023 UNDER CBCS
GRADE CARD

Name : KRITAM DAS

Roll No. 200631010018

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	9	6	54	2020	9.00	Q
	CHEMISTRY	CC-2A	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	9	6	54	2020		
	PHYSICS	CC-3A	Mechanics	9	6	54	2020		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2020		
II	MATHEMATICS	CC-1B	Differential Equations	10	6	60	2021	9.00	Q
	CHEMISTRY	CC-2B	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	8	6	48	2021		
	PHYSICS	CC-3B	Electricity and Magnetism	9	6	54	2021		
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2021		
III	MATHEMATICS	CC-1C	Real Analysis	10	6	60	2021	9.40	Q
	CHEMISTRY	CC-2C	Chemical Energetic, Equilibria, Organic Chemistry	9	6	54	2021		
	PHYSICS	CC-3C	Thermal Physics and Statistical Mechanics	9	6	54	2021		
	MATHEMATICS	SEC-1	Logic and Sets	10	2	20	2021		
IV	MATHEMATICS	CC-1D	Algebra	9	6	54	2022	9.10	Q
	CHEMISTRY	CC-2D	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	9	6	54	2022		
	PHYSICS	CC-3D	Waves and Optics	9	6	54	2022		
	MATHEMATICS	SEC-2	Vector Calculus	10	2	20	2022		
V	MATHEMATICS	DSE-1A	Matrices	7	6	42	2022	6.50	Q
	CHEMISTRY	DSE-2A	Transition Metal & Co-ordination Chemistry, Analytical and Industrial Chemistry	7	6	42	2022		
	PHYSICS	DSE-3A	Elements of Modern Physics	5	6	30	2022		
	CHEMISTRY	SEC-3	Basics & Application of Computer in Chemistry	8	2	16	2022		
VI	MATHEMATICS	DSE-1B	Numerical Methods	5	6	30	2023	6.80	Q
	CHEMISTRY	DSE-2B	Functional Group Organic Chemistry and Industrial Chemistry	8	6	48	2023		
	PHYSICS	DSE-3B	Digital, Analog and Instrumentation	7	6	42	2023		
	CHEMISTRY	SEC-4	Polymer Chemistry	8	2	16	2023		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.31							Letter Grade in CGPA : A+	Result : Q	


Date of Publication of Result : 18.10.2023

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

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 2023 UNDER CBCS
GRADE CARD

Name : MAHAMMAD FAIJUL HAQUE

Roll No. 200631010019

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	9	6	54	2020	9.00	Q
	CHEMISTRY	CC-2A	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	9	6	54	2020		
	PHYSICS	CC-3A	Mechanics	9	6	54	2020		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2020		
II	MATHEMATICS	CC-1B	Differential Equations	10	6	60	2021	9.60	Q
	CHEMISTRY	CC-2B	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	10	6	60	2021		
	PHYSICS	CC-3B	Electricity and Magnetism	9	6	54	2021		
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2021		
III	MATHEMATICS	CC-1C	Real Analysis	9	6	54	2021	9.10	Q
	CHEMISTRY	CC-2C	Chemical Energetic, Equilibria, Organic Chemistry	9	6	54	2021		
	PHYSICS	CC-3C	Thermal Physics and Statistical Mechanics	9	6	54	2021		
	PHYSICS	SEC-1	Renewable Energy and Energy Harvesting	10	2	20	2021		
IV	MATHEMATICS	CC-1D	Algebra	9	6	54	2022	9.00	Q
	CHEMISTRY	CC-2D	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	9	6	54	2022		
	PHYSICS	CC-3D	Waves and Optics	9	6	54	2022		
	PHYSICS	SEC-2	Weather Forecasting	9	2	18	2022		
V	MATHEMATICS	DSE-1A	Matrices	8	6	48	2022	7.70	Q
	CHEMISTRY	DSE-2A	Transition Metal & Co-ordination Chemistry, Analytical and Industrial Chemistry	9	6	54	2022		
	PHYSICS	DSE-3A	Elements of Modern Physics	6	6	36	2022		
	CHEMISTRY	SEC-3	Basics & Application of Computer in Chemistry	8	2	16	2022		
VI	MATHEMATICS	DSE-1B	Numerical Methods	5	6	30	2023	6.90	Q
	CHEMISTRY	DSE-2B	Functional Group Organic Chemistry and Industrial Chemistry	8	6	48	2023		
	PHYSICS	DSE-3B	Digital, Analog and Instrumentation	7	6	42	2023		
	CHEMISTRY	SEC-4	Polymer Chemistry	9	2	18	2023		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.56							Letter Grade in CGPA : A+	Result : Q	


Date of Publication of Result : 18.10.2023

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

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 2023 UNDER CBCS
GRADE CARD

Name : MD IMRAN NAJIR

Roll No. 200631010020

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	2020	7.09	Q
	BOTANY	CC-2A	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	7	6	42	2020		
	PHYSIOLOGY	CC-3A	Cellular Physiology, Biophysics, Biochemistry of Biomolecules	8	6	48	2020		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2020		
II	ZOOLOGY	CC-1B	Comparative Anatomy & Developmental Biology of Vertebrates	8	6	48	2021	8.00	Q
	BOTANY	CC-2B	Plant Ecology and Taxonomy	8	6	48	2021		
	PHYSIOLOGY	CC-3B	Digestion and Metabolism	8	6	48	2021		
	Communicative English/MIL	AECC-2	Communicative English	8	2	16	2021		
III	ZOOLOGY	CC-1C	Physiology and Biochemistry	6	6	36	2021	7.00	Q
	BOTANY	CC-2C	Plant Anatomy and Embryology	8	6	48	2021		
	PHYSIOLOGY	CC-3C	Respiratory and Cardiovascular Physiology	7	6	42	2021		
	BOTANY	SEC-1	Biofertilizers	7	2	14	2021		
IV	ZOOLOGY	CC-1D	Genetics and Evolutionary Biology	7	6	42	2022	6.90	Q
	BOTANY	CC-2D	Plant Physiology and Metabolism	7	6	42	2022		
	PHYSIOLOGY	CC-3D	Endocrinology, Renal Physiology, Skin and Body Temperature Regulation	7	6	42	2022		
	BOTANY	SEC-2	Medicinal Botany	6	2	12	2022		
V	ZOOLOGY	DSE-1A	Applied Zoology	5	6	30	2022	5.00	Q
	BOTANY	DSE-2A	Economic Botany and Biotechnology	5	6	30	2022		
	PHYSIOLOGY	DSE-3A	Muscle and Nerve Physiology	5	6	30	2022		
	PHYSIOLOGY	SEC-3	Immunology	5	2	10	2022		
VI	ZOOLOGY	DSE-1B	Insects, Vectors and Diseases	7	6	42	2023	6.40	Q
	BOTANY	DSE-2B	Cell Biology, Genetics and Molecular Biology	5	6	30	2023		
	PHYSIOLOGY	DSE-3B	Reproductive Physiology	7	6	42	2023		
	PHYSIOLOGY	SEC-4	Environmental Physiology	7	2	14	2023		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 6.74							Letter Grade in CGPA : B+	Result : Q	


Date of Publication of Result : 18.10.2023

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

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 2023 UNDER CBCS
GRADE CARD

Name : MEHERUNNESA KHATUN

Roll No. 200631010021

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	2020	8.00	Q
	BOTANY	CC-2A	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	8	6	48	2020		
	PHYSIOLOGY	CC-3A	Cellular Physiology, Biophysics, Biochemistry of Biomolecules	8	6	48	2020		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2020		
II	ZOOLOGY	CC-1B	Comparative Anatomy & Developmental Biology of Vertebrates	8	6	48	2021	8.60	Q
	BOTANY	CC-2B	Plant Ecology and Taxonomy	9	6	54	2021		
	PHYSIOLOGY	CC-3B	Digestion and Metabolism	9	6	54	2021		
	Communicative English/MIL	AECC-2	Communicative English	8	2	16	2021		
III	ZOOLOGY	CC-1C	Physiology and Biochemistry	7	6	42	2021	7.20	Q
	BOTANY	CC-2C	Plant Anatomy and Embryology	7	6	42	2021		
	PHYSIOLOGY	CC-3C	Respiratory and Cardiovascular Physiology	8	6	48	2021		
	BOTANY	SEC-1	Biofertilizers	6	2	12	2021		
IV	ZOOLOGY	CC-1D	Genetics and Evolutionary Biology	7	6	42	2022	8.00	Q
	BOTANY	CC-2D	Plant Physiology and Metabolism	8	6	48	2022		
	PHYSIOLOGY	CC-3D	Endocrinology, Renal Physiology, Skin and Body Temperature Regulation	9	6	54	2022		
	BOTANY	SEC-2	Medicinal Botany	8	2	16	2022		
V	ZOOLOGY	DSE-1A	Applied Zoology	6	6	36	2022	6.20	Q
	BOTANY	DSE-2A	Economic Botany and Biotechnology	7	6	42	2022		
	PHYSIOLOGY	DSE-3A	Muscle and Nerve Physiology	6	6	36	2022		
	PHYSIOLOGY	SEC-3	Immunology	5	2	10	2022		
VI	ZOOLOGY	DSE-1B	Insects, Vectors and Diseases	7	6	42	2023	6.90	Q
	BOTANY	DSE-2B	Cell Biology, Genetics and Molecular Biology	6	6	36	2023		
	PHYSIOLOGY	DSE-3B	Reproductive Physiology	8	6	48	2023		
	PHYSIOLOGY	SEC-4	Environmental Physiology	6	2	12	2023		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.49							Letter Grade in CGPA : A	Result : Q	


Date of Publication of Result : 18.10.2023

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

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 2023 UNDER CBCS
GRADE CARD

Name : NABA KUMAR MONDAL

Roll No. 200631010022

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	10	6	60	2020	9.27	Q
	CHEMISTRY	CC-2A	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	9	6	54	2020		
	PHYSICS	CC-3A	Mechanics	9	6	54	2020		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2020		
II	MATHEMATICS	CC-1B	Differential Equations	10	6	60	2021	9.60	Q
	CHEMISTRY	CC-2B	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	10	6	60	2021		
	PHYSICS	CC-3B	Electricity and Magnetism	9	6	54	2021		
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2021		
III	MATHEMATICS	CC-1C	Real Analysis	10	6	60	2021	9.30	Q
	CHEMISTRY	CC-2C	Chemical Energetic, Equilibria, Organic Chemistry	9	6	54	2021		
	PHYSICS	CC-3C	Thermal Physics and Statistical Mechanics	9	6	54	2021		
	PHYSICS	SEC-1	Renewable Energy and Energy Harvesting	9	2	18	2021		
IV	MATHEMATICS	CC-1D	Algebra	10	6	60	2022	9.30	Q
	CHEMISTRY	CC-2D	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	9	6	54	2022		
	PHYSICS	CC-3D	Waves and Optics	9	6	54	2022		
	PHYSICS	SEC-2	Weather Forecasting	9	2	18	2022		
V	MATHEMATICS	DSE-1A	Matrices	8	6	48	2022	7.30	Q
	CHEMISTRY	DSE-2A	Transition Metal & Co-ordination Chemistry, Analytical and Industrial Chemistry	8	6	48	2022		
	PHYSICS	DSE-3A	Elements of Modern Physics	6	6	36	2022		
	CHEMISTRY	SEC-3	Basics & Application of Computer in Chemistry	7	2	14	2022		
VI	MATHEMATICS	DSE-1B	Numerical Methods	5	6	30	2023	6.50	Q
	CHEMISTRY	DSE-2B	Functional Group Organic Chemistry and Industrial Chemistry	7	6	42	2023		
	PHYSICS	DSE-3B	Digital, Analog and Instrumentation	7	6	42	2023		
	CHEMISTRY	SEC-4	Polymer Chemistry	8	2	16	2023		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.56							Letter Grade in CGPA : A+	Result : Q	


Date of Publication of Result : 18.10.2023

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

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 2023 UNDER CBCS
GRADE CARD

Name : NASRUL MOLLA

Roll No. 200631010023

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)	7	6	42	2020	7.64	Q
	ZOOLOGY	CC-2A	Animal Diversity	7	6	42	2020		
	PHYSIOLOGY	CC-3A	Cellular Physiology, Biophysics, Biochemistry of Biomolecules	8	6	48	2020		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2020		
II	BOTANY	CC-1B	Plant Ecology and Taxonomy	9	6	54	2021	8.60	Q
	ZOOLOGY	CC-2B	Comparative Anatomy & Developmental Biology of Vertebrates	8	6	48	2021		
	PHYSIOLOGY	CC-3B	Digestion and Metabolism	9	6	54	2021		
	Communicative English/MIL	AECC-2	Communicative English	8	2	16	2021		
III	BOTANY	CC-1C	Plant Anatomy and Embryology	8	6	48	2021	7.00	Q
	ZOOLOGY	CC-2C	Physiology and Biochemistry	6	6	36	2021		
	PHYSIOLOGY	CC-3C	Respiratory and Cardiovascular Physiology	7	6	42	2021		
	BOTANY	SEC-1	Biofertilizers	7	2	14	2021		
IV	BOTANY	CC-1D	Plant Physiology and Metabolism	8	6	48	2022	7.50	Q
	ZOOLOGY	CC-2D	Genetics and Evolutionary Biology	8	6	48	2022		
	PHYSIOLOGY	CC-3D	Endocrinology, Renal Physiology, Skin and Body Temperature Regulation	7	6	42	2022		
	BOTANY	SEC-2	Medicinal Botany	6	2	12	2022		
V	BOTANY	DSE-1A	Economic Botany and Biotechnology	6	6	36	2022	5.30	Q
	ZOOLOGY	DSE-2A	Applied Zoology	6	6	36	2022		
	PHYSIOLOGY	DSE-3A	Muscle and Nerve Physiology	4	6	24	2022		
	PHYSIOLOGY	SEC-3	Immunology	5	2	10	2022		
VI	BOTANY	DSE-1B	Cell Biology, Genetics and Molecular Biology	5	6	30	2023	6.30	Q
	ZOOLOGY	DSE-2B	Insects, Vectors and Diseases	7	6	42	2023		
	PHYSIOLOGY	DSE-3B	Reproductive Physiology	7	6	42	2023		
	PHYSIOLOGY	SEC-4	Environmental Physiology	6	2	12	2023		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.07							Letter Grade in CGPA : A	Result : Q	


Date of Publication of Result : 18.10.2023

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

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 2023 UNDER CBCS
GRADE CARD

Name : NAZIMUDDIN ANSARI

Roll No. 200631010024

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	2020	7.73	Q
	BOTANY	CC-2A	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	7	6	42	2020		
	PHYSIOLOGY	CC-3A	Cellular Physiology, Biophysics, Biochemistry of Biomolecules	9	6	54	2020		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2020		
II	ZOOLOGY	CC-1B	Comparative Anatomy & Developmental Biology of Vertebrates	8	6	48	2021	8.60	Q
	BOTANY	CC-2B	Plant Ecology and Taxonomy	9	6	54	2021		
	PHYSIOLOGY	CC-3B	Digestion and Metabolism	9	6	54	2021		
	Communicative English/MIL	AECC-2	Communicative English	8	2	16	2021		
III	ZOOLOGY	CC-1C	Physiology and Biochemistry	8	6	48	2021	8.30	Q
	BOTANY	CC-2C	Plant Anatomy and Embryology	8	6	48	2021		
	PHYSIOLOGY	CC-3C	Respiratory and Cardiovascular Physiology	9	6	54	2021		
	BOTANY	SEC-1	Biofertilizers	8	2	16	2021		
IV	ZOOLOGY	CC-1D	Genetics and Evolutionary Biology	8	6	48	2022	8.00	Q
	BOTANY	CC-2D	Plant Physiology and Metabolism	8	6	48	2022		
	PHYSIOLOGY	CC-3D	Endocrinology, Renal Physiology, Skin and Body Temperature Regulation	8	6	48	2022		
	BOTANY	SEC-2	Medicinal Botany	8	2	16	2022		
V	ZOOLOGY	DSE-1A	Applied Zoology	9	6	54	2022	9.00	Q
	BOTANY	DSE-2A	Economic Botany and Biotechnology	9	6	54	2022		
	PHYSIOLOGY	DSE-3A	Muscle and Nerve Physiology	9	6	54	2022		
	PHYSIOLOGY	SEC-3	Immunology	9	2	18	2022		
VI	ZOOLOGY	DSE-1B	Insects, Vectors and Diseases	8	6	48	2023	8.00	Q
	BOTANY	DSE-2B	Cell Biology, Genetics and Molecular Biology	7	6	42	2023		
	PHYSIOLOGY	DSE-3B	Reproductive Physiology	9	6	54	2023		
	PHYSIOLOGY	SEC-4	Environmental Physiology	8	2	16	2023		
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 : 18.10.2023

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

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 2023 UNDER CBCS
GRADE CARD

Name : RAHUL GHOSH

Roll No. 200631010025

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	10	6	60	2020	9.36	Q
	PHYSICS	CC-2A	Mechanics	9	6	54	2020		
	MATHEMATICS	CC-3A	Differential Calculus	10	6	60	2020		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2020		
II	CHEMISTRY	CC-1B	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	9	6	54	2021	9.30	Q
	PHYSICS	CC-2B	Electricity and Magnetism	9	6	54	2021		
	MATHEMATICS	CC-3B	Differential Equations	10	6	60	2021		
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2021		
III	CHEMISTRY	CC-1C	Chemical Energetic, Equilibria, Organic Chemistry	8	6	48	2021	9.00	Q
	PHYSICS	CC-2C	Thermal Physics and Statistical Mechanics	9	6	54	2021		
	MATHEMATICS	CC-3C	Real Analysis	10	6	60	2021		
	PHYSICS	SEC-1	Renewable Energy and Energy Harvesting	9	2	18	2021		
IV	CHEMISTRY	CC-1D	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	9	6	54	2022	9.00	Q
	PHYSICS	CC-2D	Waves and Optics	9	6	54	2022		
	MATHEMATICS	CC-3D	Algebra	9	6	54	2022		
	PHYSICS	SEC-2	Weather Forecasting	9	2	18	2022		
V	CHEMISTRY	DSE-1A	Transition Metal & Co-ordination Chemistry, Analytical and Industrial Chemistry	7	6	42	2022	6.20	Q
	PHYSICS	DSE-2A	Elements of Modern Physics	6	6	36	2022		
	MATHEMATICS	DSE-3A	Matrices	5	6	30	2022		
	CHEMISTRY	SEC-3	Basics & Application of Computer in Chemistry	8	2	16	2022		
VI	CHEMISTRY	DSE-1B	Functional Group Organic Chemistry and Industrial Chemistry	7	6	42	2023	6.30	Q
	PHYSICS	DSE-2B	Digital, Analog and Instrumentation	7	6	42	2023		
	MATHEMATICS	DSE-3B	Numerical Methods	4	6	24	2023		
	CHEMISTRY	SEC-4	Polymer Chemistry	9	2	18	2023		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.21						Letter Grade in CGPA : A+		Result : Q	


Date of Publication of Result : 18.10.2023

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

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 2023 UNDER CBCS
GRADE CARD

Name : SAIKAT SEN

Roll No. 200631010027

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	9	6	54	2020	8.82	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	9	6	54	2020		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2020		
II	MATHEMATICS	CC-1B	Differential Equations	10	6	60	2021	9.20	Q
	PHYSICS	CC-2B	Electricity and Magnetism	9	6	54	2021		
	CHEMISTRY	CC-3B	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	9	6	54	2021		
	Communicative English/MIL	AECC-2	Communicative English	8	2	16	2021		
III	MATHEMATICS	CC-1C	Real Analysis	9	6	54	2021	9.10	Q
	PHYSICS	CC-2C	Thermal Physics and Statistical Mechanics	9	6	54	2021		
	CHEMISTRY	CC-3C	Chemical Energetic, Equilibria, Organic Chemistry	9	6	54	2021		
	MATHEMATICS	SEC-1	Logic and Sets	10	2	20	2021		
IV	MATHEMATICS	CC-1D	Algebra	10	6	60	2022	9.40	Q
	PHYSICS	CC-2D	Waves and Optics	9	6	54	2022		
	CHEMISTRY	CC-3D	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	9	6	54	2022		
	MATHEMATICS	SEC-2	Vector Calculus	10	2	20	2022		
V	MATHEMATICS	DSE-1A	Matrices	6	6	36	2022	6.40	Q
	PHYSICS	DSE-2A	Elements of Modern Physics	5	6	30	2022		
	CHEMISTRY	DSE-3A	Transition Metal & Co-ordination Chemistry, Analytical and Industrial Chemistry	8	6	48	2022		
	CHEMISTRY	SEC-3	Basics & Application of Computer in Chemistry	7	2	14	2022		
VI	MATHEMATICS	DSE-1B	Numerical Methods	NA	6	NA		SNC	
	PHYSICS	DSE-2B	Digital, Analog and Instrumentation	7	6	42	2023		
	CHEMISTRY	DSE-3B	Functional Group Organic Chemistry and Industrial Chemistry	8	6	48	2023		
	CHEMISTRY	SEC-4	Polymer Chemistry	8	2	16	2023		
CGPA (Cumulative Grade Point Average) on the basis of All Courses :							Letter Grade in CGPA :	Result : PNC	


Date of Publication of Result : 18.10.2023

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

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 2023 UNDER CBCS
GRADE CARD

Name : SRIMANTA PAL

Roll No. 200631010028

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	2020	7.91	Q
	BOTANY	CC-2A	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	8	6	48	2020		
	PHYSIOLOGY	CC-3A	Cellular Physiology, Biophysics, Biochemistry of Biomolecules	8	6	48	2020		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2020		
II	ZOOLOGY	CC-1B	Comparative Anatomy & Developmental Biology of Vertebrates	9	6	54	2021	8.60	Q
	BOTANY	CC-2B	Plant Ecology and Taxonomy	8	6	48	2021		
	PHYSIOLOGY	CC-3B	Digestion and Metabolism	9	6	54	2021		
	Communicative English/MIL	AECC-2	Communicative English	8	2	16	2021		
III	ZOOLOGY	CC-1C	Physiology and Biochemistry	6	6	36	2021	7.20	Q
	BOTANY	CC-2C	Plant Anatomy and Embryology	8	6	48	2021		
	PHYSIOLOGY	CC-3C	Respiratory and Cardiovascular Physiology	8	6	48	2021		
	BOTANY	SEC-1	Biofertilizers	6	2	12	2021		
IV	ZOOLOGY	CC-1D	Genetics and Evolutionary Biology	8	6	48	2022	7.90	Q
	BOTANY	CC-2D	Plant Physiology and Metabolism	8	6	48	2022		
	PHYSIOLOGY	CC-3D	Endocrinology, Renal Physiology, Skin and Body Temperature Regulation	8	6	48	2022		
	BOTANY	SEC-2	Medicinal Botany	7	2	14	2022		
V	ZOOLOGY	DSE-1A	Applied Zoology	6	6	36	2022	6.60	Q
	BOTANY	DSE-2A	Economic Botany and Biotechnology	7	6	42	2022		
	PHYSIOLOGY	DSE-3A	Muscle and Nerve Physiology	7	6	42	2022		
	PHYSIOLOGY	SEC-3	Immunology	6	2	12	2022		
VI	ZOOLOGY	DSE-1B	Insects, Vectors and Diseases	6	6	36	2023	6.40	Q
	BOTANY	DSE-2B	Cell Biology, Genetics and Molecular Biology	6	6	36	2023		
	PHYSIOLOGY	DSE-3B	Reproductive Physiology	7	6	42	2023		
	PHYSIOLOGY	SEC-4	Environmental Physiology	7	2	14	2023		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.44							Letter Grade in CGPA : A	Result : Q	


Date of Publication of Result : 18.10.2023

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

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 2023 UNDER CBCS
GRADE CARD

Name : SUMAIYA NASRIN

Roll No. 200631010029

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	2020	7.45	Q
	ZOOLOGY	CC-2A	Animal Diversity	7	6	42	2020		
	PLANT PROTECTION	CC-3A	Pests and Vectors	7	6	42	2020		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2020		
II	PHYSIOLOGY	CC-1B	Digestion and Metabolism	9	6	54	2021	8.40	Q
	ZOOLOGY	CC-2B	Comparative Anatomy & Developmental Biology of Vertebrates	8	6	48	2021		
	PLANT PROTECTION	CC-3B	Pest Management	8	6	48	2021		
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2021		
III	PHYSIOLOGY	CC-1C	Respiratory and Cardiovascular Physiology	8	6	48	2021	8.10	Q
	ZOOLOGY	CC-2C	Physiology and Biochemistry	7	6	42	2021		
	PLANT PROTECTION	CC-3C	Bionomics, Plant Diseases and their Management	9	6	54	2021		
	PLANT PROTECTION	SEC-1	Green Pesticides	9	2	18	2021		
IV	PHYSIOLOGY	CC-1D	Endocrinology, Renal Physiology, Skin and Body Temperature Regulation	8	6	48	2022	8.50	Q
	ZOOLOGY	CC-2D	Genetics and Evolutionary Biology	8	6	48	2022		
	PLANT PROTECTION	CC-3D	Plant's Defence Mechanism	9	6	54	2022		
	PLANT PROTECTION	SEC-2	Formulation and Application of Pesticides and Their Precautions	10	2	20	2022		
V	PHYSIOLOGY	DSE-1A	Muscle and Nerve Physiology	8	6	48	2022	8.90	Q
	ZOOLOGY	DSE-2A	Applied Zoology	9	6	54	2022		
	PLANT PROTECTION	DSE-3A	Integrated Pest Management	10	6	60	2022		
	PHYSIOLOGY	SEC-3	Immunology	8	2	16	2022		
VI	PHYSIOLOGY	DSE-1B	Reproductive Physiology	8	6	48	2023	8.60	Q
	ZOOLOGY	DSE-2B	Insects, Vectors and Diseases	9	6	54	2023		
	BOTANY	DSE-3B	Dissertation	9	6	54	2023		
	PHYSIOLOGY	SEC-4	Environmental Physiology	8	2	16	2023		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.31							Letter Grade in CGPA : A+	Result : Q	


Date of Publication of Result : 18.10.2023

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

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 2023 UNDER CBCS
GRADE CARD

Name : SUNDARAM MAZUMDER

Roll No. 200631010030

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	2020	8.27	Q
	BOTANY	CC-2A	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	8	6	48	2020		
	PHYSIOLOGY	CC-3A	Cellular Physiology, Biophysics, Biochemistry of Biomolecules	9	6	54	2020		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2020		
II	ZOOLOGY	CC-1B	Comparative Anatomy & Developmental Biology of Vertebrates	9	6	54	2021	8.70	Q
	BOTANY	CC-2B	Plant Ecology and Taxonomy	8	6	48	2021		
	PHYSIOLOGY	CC-3B	Digestion and Metabolism	9	6	54	2021		
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2021		
III	ZOOLOGY	CC-1C	Physiology and Biochemistry	8	6	48	2021	8.50	Q
	BOTANY	CC-2C	Plant Anatomy and Embryology	9	6	54	2021		
	PHYSIOLOGY	CC-3C	Respiratory and Cardiovascular Physiology	9	6	54	2021		
	BOTANY	SEC-1	Biofertilizers	7	2	14	2021		
IV	ZOOLOGY	CC-1D	Genetics and Evolutionary Biology	8	6	48	2022	8.60	Q
	BOTANY	CC-2D	Plant Physiology and Metabolism	9	6	54	2022		
	PHYSIOLOGY	CC-3D	Endocrinology, Renal Physiology, Skin and Body Temperature Regulation	9	6	54	2022		
	BOTANY	SEC-2	Medicinal Botany	8	2	16	2022		
V	ZOOLOGY	DSE-1A	Applied Zoology	9	6	54	2022	8.70	Q
	BOTANY	DSE-2A	Economic Botany and Biotechnology	8	6	48	2022		
	PHYSIOLOGY	DSE-3A	Muscle and Nerve Physiology	9	6	54	2022		
	PHYSIOLOGY	SEC-3	Immunology	9	2	18	2022		
VI	ZOOLOGY	DSE-1B	Insects, Vectors and Diseases	8	6	48	2023	7.80	Q
	BOTANY	DSE-2B	Cell Biology, Genetics and Molecular Biology	6	6	36	2023		
	PHYSIOLOGY	DSE-3B	Reproductive Physiology	9	6	54	2023		
	PHYSIOLOGY	SEC-4	Environmental Physiology	9	2	18	2023		
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 : 18.10.2023

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

Anindya Zohi Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
	CGPA	Letter Grade	CGPA	Letter Grade	
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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 2023 UNDER CBCS
GRADE CARD

Name : TANMAY BHANDARI

Roll No. 200631010031

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)	7	6	42	2020	7.73	Q
	ZOOLOGY	CC-2A	Animal Diversity	7	6	42	2020		
	PHYSIOLOGY	CC-3A	Cellular Physiology, Biophysics, Biochemistry of Biomolecules	9	6	54	2020		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2020		
II	BOTANY	CC-1B	Plant Ecology and Taxonomy	8	6	48	2021	8.60	Q
	ZOOLOGY	CC-2B	Comparative Anatomy & Developmental Biology of Vertebrates	9	6	54	2021		
	PHYSIOLOGY	CC-3B	Digestion and Metabolism	9	6	54	2021		
	Communicative English/MIL	AECC-2	Communicative English	8	2	16	2021		
III	BOTANY	CC-1C	Plant Anatomy and Embryology	8	6	48	2021	7.00	Q
	ZOOLOGY	CC-2C	Physiology and Biochemistry	6	6	36	2021		
	PHYSIOLOGY	CC-3C	Respiratory and Cardiovascular Physiology	7	6	42	2021		
	BOTANY	SEC-1	Biofertilizers	7	2	14	2021		
IV	BOTANY	CC-1D	Plant Physiology and Metabolism	8	6	48	2022	7.90	Q
	ZOOLOGY	CC-2D	Genetics and Evolutionary Biology	8	6	48	2022		
	PHYSIOLOGY	CC-3D	Endocrinology, Renal Physiology, Skin and Body Temperature Regulation	8	6	48	2022		
	BOTANY	SEC-2	Medicinal Botany	7	2	14	2022		
V	BOTANY	DSE-1A	Economic Botany and Biotechnology	7	6	42	2022	6.60	Q
	ZOOLOGY	DSE-2A	Applied Zoology	7	6	42	2022		
	PHYSIOLOGY	DSE-3A	Muscle and Nerve Physiology	6	6	36	2022		
	PHYSIOLOGY	SEC-3	Immunology	6	2	12	2022		
VI	BOTANY	DSE-1B	Cell Biology, Genetics and Molecular Biology	5	6	30	2023	6.70	Q
	ZOOLOGY	DSE-2B	Insects, Vectors and Diseases	7	6	42	2023		
	PHYSIOLOGY	DSE-3B	Reproductive Physiology	8	6	48	2023		
	PHYSIOLOGY	SEC-4	Environmental Physiology	7	2	14	2023		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.43							Letter Grade in CGPA : A	Result : Q	


Date of Publication of Result : 18.10.2023

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

Anindya Zohi Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
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	Grade Point Norms				Percentage Conversion Formula: = (SGPA or CGPA × 10) - 5.0
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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)	