



THE UNIVERSITY OF BURDWAN

B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2021 UNDER CBCS
GRADE CARD

Name: ADITI ROY

Registration No. 201801044932 of 2018-19

Roll No.180340600001

B.Sc. Honours in Microbiology (CBCS)										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MICROBIOLOGY	CC-1	Introduction to Microbiology and Microbial Diversity	8	6	48	2018	8.50	8.09	Q
		CC-2	Bacteriology	9	6	54	2018			
	ZOOLOGY	GE-1	Animal Diversity	8	6	48	2018			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2018			
II	MICROBIOLOGY	CC-3	Biochemistry	9	6	54	2019	9.00	8.50	Q
		CC-4	Virology	9	6	54	2019			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	8	6	48	2019			
	Communicative English/MIL	AECC-2	Communicative English	7	2	14	2019			
III	MICROBIOLOGY	CC-5	Microbial Physiology & Metabolism	8	6	48	2019	8.33	8.23	Q
		CC-6	Cell Biology	9	6	54	2019			
		CC-7	Molecular Biology	8	6	48	2019			
	ZOOLOGY	GE-3	Physiology and Biochemistry	8	6	48	2019			
	MICROBIOLOGY	SEC-1	Microbial Diagnosis in Health Clinics	8	2	16	2019			
IV	MICROBIOLOGY	CC-8	Microbial Genetics	9	6	54	2020	9.00	9.00	Q
		CC-9	Environmental Microbiology	9	6	54	2020			
		CC-10	Food and Dairy Microbiology	9	6	54	2020			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	9	6	54	2020			
	MICROBIOLOGY	SEC-2	Food Fermentation Techniques	9	2	18	2020			
V	MICROBIOLOGY	CC-11	Industrial Microbiology	9	6	54	2020	8.75	8.75	Q
		CC-12	Immunology	9	6	54	2020			
	MICROBIOLOGY	DSE-1	Microbes in Sustainable Agriculture and Development	9	6	54	2020			
		DSE-2	Instrumentation and Biotechniques	8	6	48	2020			
VI	MICROBIOLOGY	CC-13	Medical Microbiology	9	6	54	2021	9.25	9.25	Q
		CC-14	Recombinant DNA Technology	9	6	54	2021			
	MICROBIOLOGY	DSE-3	Advances in Microbiology	9	6	54	2021			
		DSE-4	Plant Pathology	10	6	60	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.83							Letter Grade in CGPA : A+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.65										

Date of Publication of Result: 26.08.2021

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

Anindya Zoti Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) 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 of Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	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 HONOURS FINAL EXAMINATION 2021 UNDER CBCS
GRADE CARD

Name: **ADITI SUR**

Registration No. **201801044933** of 2018-19

Roll No. **180340600002**

B.Sc. Honours in Microbiology (CBCS)										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MICROBIOLOGY	CC-1	Introduction to Microbiology and Microbial Diversity	6	6	36	2018	6.00	5.73	Q
		CC-2	Bacteriology	6	6	36	2018			
	BOTANY	GE-1	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	5	6	30	2018			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2018			
II	MICROBIOLOGY	CC-3	Biochemistry	7	6	42	2019	7.00	6.60	Q
		CC-4	Virology	7	6	42	2019			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	5	6	30	2019			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2019			
III	MICROBIOLOGY	CC-5	Microbial Physiology & Metabolism	7	6	42	2019	7.00	7.08	Q
		CC-6	Cell Biology	8	6	48	2019			
		CC-7	Molecular Biology	6	6	36	2019			
	BOTANY	GE-3	Plant Anatomy and Embryology	7	6	42	2019			
	MICROBIOLOGY	SEC-1	Microbial Diagnosis in Health Clinics	8	2	16	2019			
IV	MICROBIOLOGY	CC-8	Microbial Genetics	8	6	48	2020	8.00	8.23	Q
		CC-9	Environmental Microbiology	8	6	48	2020			
		CC-10	Food and Dairy Microbiology	8	6	48	2020			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	9	6	54	2020			
	MICROBIOLOGY	SEC-2	Food Fermentation Techniques	8	2	16	2020			
V	MICROBIOLOGY	CC-11	Industrial Microbiology	8	6	48	2020	8.00	8.00	Q
		CC-12	Immunology	8	6	48	2020			
	MICROBIOLOGY	DSE-1	Microbes in Sustainable Agriculture and Development	8	6	48	2020			
		DSE-2	Instrumentation and Biotechniques	8	6	48	2020			
VI	MICROBIOLOGY	CC-13	Medical Microbiology	9	6	54	2021	9.00	9.00	Q
		CC-14	Recombinant DNA Technology	9	6	54	2021			
	MICROBIOLOGY	DSE-3	Advances in Microbiology	9	6	54	2021			
		DSE-4	Plant Pathology	9	6	54	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.72							Letter Grade in CGPA : A		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.49										

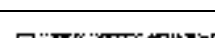
Date of Publication of Result: 26.08.2021

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

Arindya Zohi Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) 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 of Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	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 HONOURS FINAL EXAMINATION 2021 UNDER CBCS
GRADE CARD

Name: AINDRILA PAUL

Registration No. 201801044935 of 2018-19

Roll No.180340600004

B.Sc. Honours in Geography (CBCS)										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	GEOGRAPHY	CC-1	Geotectonics and Geomorphology	7	6	42	2018	6.50	6.73	Q
		CC-2	Cartographic Techniques and Geological map study	6	6	36	2018			
	ZOOLOGY	GE-1	Animal Diversity	7	6	42	2018			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2018			
II	GEOGRAPHY	CC-3	Human Geography	8	6	48	2019	8.00	7.80	Q
		CC-4	Cartograms, Survey and Thematic Mapping	8	6	48	2019			
	BOTANY	GE-2	Plant Ecology and Taxonomy	7	6	42	2019			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2019			
III	GEOGRAPHY	CC-5	Climatology	6	6	36	2019	7.33	7.31	Q
		CC-6	Statistical Methods in Geography	9	6	54	2019			
		CC-7	Geography of India	7	6	42	2019			
	ZOOLOGY	GE-3	Physiology and Biochemistry	7	6	42	2019			
	GEOGRAPHY	SEC-1	Computer Basics and Computer Applications	8	2	16	2019			
IV	GEOGRAPHY	CC-8	Regional Planning and Development	8	6	48	2020	8.33	8.31	Q
		CC-9	Economic Geography	9	6	54	2020			
		CC-10	Environmental Geography	8	6	48	2020			
	BOTANY	GE-4	Plant Physiology and Metabolism	8	6	48	2020			
	GEOGRAPHY	SEC-2	Field Work	9	2	18	2020			
V	GEOGRAPHY	CC-11	Research Methodology and Field Work	8	6	48	2020	7.75	7.75	Q
		CC-12	Remote Sensing and GIS	7	6	42	2020			
	GEOGRAPHY	DSE-1	Cultural and Settlement Geography	8	6	48	2020			
		DSE-2	Population Geography	8	6	48	2020			
VI	GEOGRAPHY	CC-13	Evolution of Geographical Thought	9	6	54	2021	8.75	8.75	Q
		CC-14	Disaster Management	8	6	48	2021			
	GEOGRAPHY	DSE-3	Resource Geography	9	6	54	2021			
		DSE-4	Soil and Bio Geography	9	6	54	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.89							Letter Grade in CGPA : A		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.79										


Date of Publication of Result: 26.08.2021

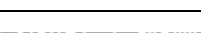
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$$CGPA = \frac{\sum_{i=1}^N (V_i \times S_i)}{\sum_{i=1}^N V_i}$$

Aindrila Zoti Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) 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 of Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	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)	

	Grade Point Norms				Percentage of Conversion Formula: $= (\text{SGPA or CGPA} \times 10) - 5.0$ *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	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)	



Grade Point Norms				Percentage of Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
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 HONOURS FINAL EXAMINATION 2021 UNDER CBCS
GRADE CARD

Name: **AMISA SADHU**

Registration No. **201801044938** of **2018-19**Roll No. **180340600007**

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	NUTRITION	CC-1	Nutritional Physiology-I	6	6	36	2018	6.00	6.00	Q
		CC-2	Nutritional Aspect of Food Items	6	6	36	2018			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	6	6	36	2018			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2018			
II	NUTRITION	CC-3	Nutritional Physiology-II	6	6	36	2019	6.50	7.10	Q
		CC-4	Physiological Aspect of Nutrition	7	6	42	2019			
	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	8	6	48	2019			
	Communicative English/MIL	AECC-2	Communicative English	8	2	16	2019			
III	NUTRITION	CC-5	Nutritional Biochemistry	7	6	42	2019	7.33	6.62	Q
		CC-6	Nutrition: Life Cycle Approach	8	6	48	2019			
		CC-7	Diet Therapy - I	7	6	42	2019			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	4	6	24	2019			
	NUTRITION	SEC-1	Environment Management and Public Health	8	2	16	2019			
IV	NUTRITION	CC-8	Nutritional Assessment and Nutrition Programme	8	6	48	2020	8.67	8.54	Q
		CC-9	Community Nutrition and Epidemiology	9	6	54	2020			
		CC-10	Diet Therapy-II	9	6	54	2020			
	ZOOLOGY	GE-4	Genetics and Evolutionary Biology	8	6	48	2020			
	NUTRITION	SEC-2	Immunology, Toxicology and Public Health	9	2	18	2020			
V	NUTRITION	CC-11	Food Microbiology and Food Borne Disease	9	6	54	2020	9.00	9.00	Q
		CC-12	Medical Microbiology and Pathology	9	6	54	2020			
	NUTRITION	DSE-1	Therapeutic Nutrition and Critical Care	9	6	54	2020			
		DSE-2	Molecular Biology	9	6	54	2020			
VI	NUTRITION	CC-13	Nutraceutical and Functional Food	9	6	54	2021	9.00	9.00	Q
		CC-14	Food Safety and Food Standard	9	6	54	2021			
	NUTRITION	DSE-3	Concept of Research and Health Management	9	6	54	2021			
		DSE-4	Food Spoilage and Food Preservation	9	6	54	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.06							Letter Grade in CGPA : A+	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.75										

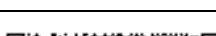
Date of Publication of Result: 26.08.2021

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

Anindya Zohi Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) 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 of Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	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 HONOURS FINAL EXAMINATION 2021 UNDER CBCS
GRADE CARD**

Name: **ANKITA CHATTERJEE**

Registration No. **201801044939** of **2018-19**Roll No. **180340600008**

B.Sc. Honours in Nutrition (CBCS)										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	NUTRITION	CC-1	Nutritional Physiology-I	7	6	42	2018	7.00	6.73	Q
		CC-2	Nutritional Aspect of Food Items	7	6	42	2018			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	6	6	36	2018			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2018			
II	NUTRITION	CC-3	Nutritional Physiology-II	7	6	42	2019	7.00	7.50	Q
		CC-4	Physiological Aspect of Nutrition	7	6	42	2019			
	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	8	6	48	2019			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2019			
III	NUTRITION	CC-5	Nutritional Biochemistry	7	6	42	2019	7.33	6.92	Q
		CC-6	Nutrition: Life Cycle Approach	8	6	48	2019			
		CC-7	Diet Therapy - I	7	6	42	2019			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	5	6	30	2019			
	NUTRITION	SEC-1	Environment Management and Public Health	9	2	18	2019			
IV	NUTRITION	CC-8	Nutritional Assessment and Nutrition Programme	9	6	54	2020	9.00	8.69	Q
		CC-9	Community Nutrition and Epidemiology	9	6	54	2020			
		CC-10	Diet Therapy-II	9	6	54	2020			
	ZOOLOGY	GE-4	Genetics and Evolutionary Biology	8	6	48	2020			
	NUTRITION	SEC-2	Immunology, Toxicology and Public Health	8	2	16	2020			
V	NUTRITION	CC-11	Food Microbiology and Food Borne Disease	10	6	60	2020	10.00	10.00	Q
		CC-12	Medical Microbiology and Pathology	10	6	60	2020			
	NUTRITION	DSE-1	Therapeutic Nutrition and Critical Care	10	6	60	2020			
		DSE-2	Molecular Biology	10	6	60	2020			
VI	NUTRITION	CC-13	Nutraceutical and Functional Food	10	6	60	2021	9.50	9.50	Q
		CC-14	Food Safety and Food Standard	9	6	54	2021			
	NUTRITION	DSE-3	Concept of Research and Health Management	10	6	60	2021			
		DSE-4	Food Spoilage and Food Preservation	9	6	54	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.61							Letter Grade in CGPA : A+	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.25										


Date of Publication of Result: 26.08.2021

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

Anindya Zohi Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) 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 of Conversion Formula: $= (\text{SGPA or CGPA} \times 10) - 5.0$ *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	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 HONOURS FINAL EXAMINATION 2021 UNDER CBCS
GRADE CARD**

Name: **ARTHITA BANERJEE**

Registration No. **201801044942** of **2018-19**Roll No. **180340600010**

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (GxV)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	6	6	36	2018	6.00	6.00	Q
		CC-2	Algebra	6	6	36	2018			
	PHYSICS	GE-1	Mechanics	6	6	36	2018			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2018			
II	MATHEMATICS	CC-3	Real Analysis	6	6	36	2019	7.00	7.20	Q
		CC-4	Differential Equations and Vector Calculus	8	6	48	2019			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	7	6	42	2019			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2019			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	7	6	42	2019	7.00	6.92	Q
		CC-6	Group Theory I	7	6	42	2019			
		CC-7	Numerical Methods	7	6	42	2019			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	7	6	42	2019			
	MATHEMATICS	SEC-1	Logic and Sets	6	2	12	2019			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	9	6	54	2020	9.00	8.85	Q
		CC-9	Multivariate Calculus	9	6	54	2020			
		CC-10	Ring Theory and Linear Algebra I	9	6	54	2020			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	9	6	54	2020			
	MATHEMATICS	SEC-2	Graph Theory	7	2	14	2020			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	10	6	60	2020	9.75	9.75	Q
		CC-12	Mechanics I	10	6	60	2020			
	MATHEMATICS	DSE-1	Linear Programming	9	6	54	2020			
		DSE-2	Probability & Statistics	10	6	60	2020			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2021	10.00	10.00	Q
		CC-14	Ring Theory and Linear Algebra II	10	6	60	2021			
	MATHEMATICS	DSE-3	Project Work	10	6	60	2021			
		DSE-4	Mechanics II	10	6	60	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.50							Letter Grade in CGPA : A+	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.17										

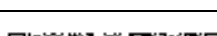
Date of Publication of Result: 26.08.2021

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

Anindya Zohi Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) 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 of Conversion Formula: $= (\text{SGPA or CGPA} \times 10) - 5.0$ *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	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)	



Grade Point Norms				Percentage of Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
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 HONOURS FINAL EXAMINATION 2021 UNDER CBCS
GRADE CARD

Name: **AYESHA MALLICK**

Registration No. **201501061229** of **2015-16**

Roll No. **180340600013**

B.Sc. Honours in Chemistry (CBCS)										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	CHEMISTRY	CC-1	Organic Chemistry-I	7	6	42	2018	7.00	6.82	Q
		CC-2	Physical Chemistry-I	7	6	42	2018			
	MATHEMATICS	GE-1	Differential Calculus	7	6	42	2019			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2018			
II	CHEMISTRY	CC-3	Inorganic Chemistry-I	9	6	54	2019	9.00	8.20	Q
		CC-4	Organic Chemistry-II	9	6	54	2019			
	PHYSICS	GE-2	Electricity and Magnetism	6	6	36	2019			
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2019			
III	CHEMISTRY	CC-5	Physical Chemistry-II	7	6	42	2019	7.67	8.08	Q
		CC-6	Inorganic Chemistry-II	8	6	48	2019			
		CC-7	Organic Chemistry-III	8	6	48	2019			
	MATHEMATICS	GE-3	Real Analysis	9	6	54	2019			
	CHEMISTRY	SEC-1	Basic Analytical Chemistry	9	2	18	2019			
IV	CHEMISTRY	CC-8	Physical Chemistry-III	9	6	54	2020	9.00	8.77	Q
		CC-9	Inorganic Chemistry-III	9	6	54	2020			
		CC-10	Organic Chemistry - IV	9	6	54	2020			
	PHYSICS	GE-4	Waves and Optics	8	6	48	2020			
	CHEMISTRY	SEC-2	Pharmaceutical Chemistry	9	2	18	2020			
V	CHEMISTRY	CC-11	Inorganic Chemistry-IV	10	6	60	2020	10.00	10.00	Q
		CC-12	Organic Chemistry-V	10	6	60	2020			
	CHEMISTRY	DSE-1	Advanced Physical Chemistry	10	6	60	2020			
		DSE-2	Analytical Methods in Chemistry	10	6	60	2020			
VI	CHEMISTRY	CC-13	Inorganic Chemistry-V	10	6	60	2021	9.75	9.75	Q
		CC-14	Physical Chemistry-IV	9	6	54	2021			
	CHEMISTRY	DSE-3	Green Chemistry	10	6	60	2021			
		DSE-4	Dissertation Followed by Power Point Presentation	10	6	60	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.94							Letter Grade in CGPA : A+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.63										

Date of Publication of Result: 26.08.2021

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

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

Anindya Zoti Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) 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 of Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	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 HONOURS FINAL EXAMINATION 2021 UNDER CBCS
GRADE CARD

Name: **BAISAKHI GHOSH** Registration No. **201801044945** of **2018-19** Roll No. **180340600014**

B.Sc. Honours in Nutrition (CBCS)										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	NUTRITION	CC-1	Nutritional Physiology-I	6	6	36	2018	6.50	6.91	Q
		CC-2	Nutritional Aspect of Food Items	7	6	42	2018			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	7	6	42	2018			
		ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32			
II	NUTRITION	CC-3	Nutritional Physiology-II	8	6	48	2019	7.50	7.50	Q
		CC-4	Physiological Aspect of Nutrition	7	6	42	2019			
	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	7	6	42	2019			
		Communicative English/MIL	AECC-2	Bengali	9	2	18			
III	NUTRITION	CC-5	Nutritional Biochemistry	6	6	36	2019	7.33	6.62	Q
		CC-6	Nutrition: Life Cycle Approach	8	6	48	2019			
		CC-7	Diet Therapy - I	8	6	48	2019			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	4	6	24	2019			
	NUTRITION	SEC-1	Environment Management and Public Health	8	2	16	2019			
IV	NUTRITION	CC-8	Nutritional Assessment and Nutrition Programme	9	6	54	2020	9.00	8.69	Q
		CC-9	Community Nutrition and Epidemiology	9	6	54	2020			
		CC-10	Diet Therapy-II	9	6	54	2020			
	ZOOLOGY	GE-4	Genetics and Evolutionary Biology	8	6	48	2020			
	NUTRITION	SEC-2	Immunology, Toxicology and Public Health	8	2	16	2020			
V	NUTRITION	CC-11	Food Microbiology and Food Borne Disease	10	6	60	2020	9.25	9.25	Q
		CC-12	Medical Microbiology and Pathology	9	6	54	2020			
	NUTRITION	DSE-1	Therapeutic Nutrition and Critical Care	9	6	54	2020			
		DSE-2	Molecular Biology	9	6	54	2020			
VI	NUTRITION	CC-13	Nutraceutical and Functional Food	10	6	60	2021	9.50	9.50	Q
		CC-14	Food Safety and Food Standard	9	6	54	2021			
	NUTRITION	DSE-3	Concept of Research and Health Management	10	6	60	2021			
		DSE-4	Food Spoilage and Food Preservation	9	6	54	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.44							Letter Grade in CGPA : A+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.10										

Date of Publication of Result: 26.08.2021

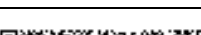
$$SGPA(S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$
$$CGPA = \frac{\sum_{i=1}^n (V_i \times S_i)}{\sum_{i=1}^n V_i}$$

Anindya Zoti Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) 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 of Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	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)	

	Grade Point Norms				Percentage of Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	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 HONOURS FINAL EXAMINATION 2021 UNDER CBCS
GRADE CARD**

Name: **DEBARATI DAS**

Registration No. **201801044948** of **2018-19**Roll No. **180340600017**

B.Sc. Honours in Nutrition (CBCS)										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	NUTRITION	CC-1	Nutritional Physiology-I	6	6	36	2018	6.50	6.18	Q
		CC-2	Nutritional Aspect of Food Items	7	6	42	2018			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	5	6	30	2018			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2018			
II	NUTRITION	CC-3	Nutritional Physiology-II	7	6	42	2019	8.00	7.90	Q
		CC-4	Physiological Aspect of Nutrition	9	6	54	2019			
	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	8	6	48	2019			
	Communicative English/MIL	AECC-2	Bengali	7	2	14	2019			
III	NUTRITION	CC-5	Nutritional Biochemistry	6	6	36	2019	6.67	6.38	Q
		CC-6	Nutrition: Life Cycle Approach	7	6	42	2019			
		CC-7	Diet Therapy - I	7	6	42	2019			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	5	6	30	2019			
	NUTRITION	SEC-1	Environment Management and Public Health	8	2	16	2019			
IV	NUTRITION	CC-8	Nutritional Assessment and Nutrition Programme	8	6	48	2020	8.33	8.31	Q
		CC-9	Community Nutrition and Epidemiology	8	6	48	2020			
		CC-10	Diet Therapy-II	9	6	54	2020			
	ZOOLOGY	GE-4	Genetics and Evolutionary Biology	8	6	48	2020			
	NUTRITION	SEC-2	Immunology, Toxicology and Public Health	9	2	18	2020			
V	NUTRITION	CC-11	Food Microbiology and Food Borne Disease	9	6	54	2020	9.00	9.00	Q
		CC-12	Medical Microbiology and Pathology	9	6	54	2020			
	NUTRITION	DSE-1	Therapeutic Nutrition and Critical Care	9	6	54	2020			
		DSE-2	Molecular Biology	9	6	54	2020			
VI	NUTRITION	CC-13	Nutraceutical and Functional Food	9	6	54	2021	9.25	9.25	Q
		CC-14	Food Safety and Food Standard	10	6	60	2021			
	NUTRITION	DSE-3	Concept of Research and Health Management	9	6	54	2021			
		DSE-4	Food Spoilage and Food Preservation	9	6	54	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.17							Letter Grade in CGPA : A+	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.85										

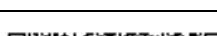
Date of Publication of Result: 26.08.2021

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

Anindya Zohi Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) 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 of Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	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 HONOURS FINAL EXAMINATION 2021 UNDER CBCS
GRADE CARD

Name: **DEBOLI SENGUPTA** Registration No. **201801044949** of **2018-19** Roll No. **180340600018**

B.Sc. Honours in Mathematics (CBCS)										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	8	6	48	2020	8.50	7.27	Q
		CC-2	Algebra	9	6	54	2020			
	PHYSICS	GE-1	Mechanics	5	6	30	2018			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2018			
II	MATHEMATICS	CC-3	Real Analysis	6	6	36	2020	5.00	5.10	Q
		CC-4	Differential Equations and Vector Calculus	4	6	24	2019			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	4	6	24	2019			
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2019			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	4	6	24	2019	4.33	5.08	Q
		CC-6	Group Theory I	4	6	24	2019			
		CC-7	Numerical Methods	5	6	30	2019			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	7	6	42	2019			
	MATHEMATICS	SEC-1	Logic and Sets	6	2	12	2019			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	6	6	36	2020	7.00	6.92	Q
		CC-9	Multivariate Calculus	7	6	42	2020			
		CC-10	Ring Theory and Linear Algebra I	8	6	48	2020			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2020			
	MATHEMATICS	SEC-2	Graph Theory	6	2	12	2020			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	10	6	60	2020	9.75	9.75	Q
		CC-12	Mechanics I	9	6	54	2020			
	MATHEMATICS	DSE-1	Linear Programming	10	6	60	2020			
		DSE-2	Probability & Statistics	10	6	60	2020			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2021	10.00	10.00	Q
		CC-14	Ring Theory and Linear Algebra II	10	6	60	2021			
	MATHEMATICS	DSE-3	Group Theory II	10	6	60	2021			
		DSE-4	Mechanics II	10	6	60	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.78							Letter Grade in CGPA : A		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.38										

Date of Publication of Result: 26.08.2021

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

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

Anindya Zoti Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) 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 of Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	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 HONOURS FINAL EXAMINATION 2021 UNDER CBCS
GRADE CARD

Name: **DIDHITI BAG** Registration No. **201801044950** of **2018-19** Roll No. **180340600019**

B.Sc. Honours in Geography (CBCS)										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	GEOGRAPHY	CC-1	Geotectonics and Geomorphology	7	6	42	2018	6.50	6.45	Q
		CC-2	Cartographic Techniques and Geological map study	6	6	36	2018			
	ZOOLOGY	GE-1	Animal Diversity	6	6	36	2018			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2018			
II	GEOGRAPHY	CC-3	Human Geography	7	6	42	2019	7.50	7.60	Q
		CC-4	Cartograms, Survey and Thematic Mapping	8	6	48	2019			
	BOTANY	GE-2	Plant Ecology and Taxonomy	7	6	42	2019			
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2019			
III	GEOGRAPHY	CC-5	Climatology	5	6	30	2019	6.67	6.62	Q
		CC-6	Statistical Methods in Geography	8	6	48	2019			
		CC-7	Geography of India	7	6	42	2019			
	ZOOLOGY	GE-3	Physiology and Biochemistry	6	6	36	2019			
	GEOGRAPHY	SEC-1	Computer Basics and Computer Applications	8	2	16	2019			
IV	GEOGRAPHY	CC-8	Regional Planning and Development	8	6	48	2020	8.00	8.00	Q
		CC-9	Economic Geography	8	6	48	2020			
		CC-10	Environmental Geography	8	6	48	2020			
	BOTANY	GE-4	Plant Physiology and Metabolism	8	6	48	2020			
	GEOGRAPHY	SEC-2	Field Work	8	2	16	2020			
V	GEOGRAPHY	CC-11	Research Methodology and Field Work	8	6	48	2020	7.75	7.75	Q
		CC-12	Remote Sensing and GIS	8	6	48	2020			
	GEOGRAPHY	DSE-1	Cultural and Settlement Geography	8	6	48	2020			
		DSE-2	Population Geography	7	6	42	2020			
VI	GEOGRAPHY	CC-13	Evolution of Geographical Thought	9	6	54	2021	8.75	8.75	Q
		CC-14	Disaster Management	8	6	48	2021			
	GEOGRAPHY	DSE-3	Resource Geography	9	6	54	2021			
		DSE-4	Soil and Bio Geography	9	6	54	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.67							Letter Grade in CGPA : A		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.54										

Date of Publication of Result: 26.08.2021

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

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

Anindya Zoti Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) 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 of Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	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 HONOURS FINAL EXAMINATION 2021 UNDER CBCS
GRADE CARD

Name: **DIPIKA SHAW** Registration No. **201801044952** of **2018-19** Roll No. **180340600020**

B.Sc. Honours in Microbiology (CBCS)										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MICROBIOLOGY	CC-1	Introduction to Microbiology and Microbial Diversity	8	6	48	2018	8.00	7.82	Q
		CC-2	Bacteriology	8	6	48	2018			
	ZOOLOGY	GE-1	Animal Diversity	8	6	48	2018			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2018			
II	MICROBIOLOGY	CC-3	Biochemistry	9	6	54	2019	9.00	8.60	Q
		CC-4	Virology	9	6	54	2019			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	8	6	48	2019			
	Communicative English/MIL	AECC-2	Communicative English	8	2	16	2019			
III	MICROBIOLOGY	CC-5	Microbial Physiology & Metabolism	8	6	48	2019	8.33	8.54	Q
		CC-6	Cell Biology	9	6	54	2019			
		CC-7	Molecular Biology	8	6	48	2019			
	ZOOLOGY	GE-3	Physiology and Biochemistry	9	6	54	2019			
	MICROBIOLOGY	SEC-1	Microbial Diagnosis in Health Clinics	9	2	18	2019			
IV	MICROBIOLOGY	CC-8	Microbial Genetics	9	6	54	2020	9.00	9.00	Q
		CC-9	Environmental Microbiology	9	6	54	2020			
		CC-10	Food and Dairy Microbiology	9	6	54	2020			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	9	6	54	2020			
	MICROBIOLOGY	SEC-2	Food Fermentation Techniques	9	2	18	2020			
V	MICROBIOLOGY	CC-11	Industrial Microbiology	8	6	48	2020	8.25	8.25	Q
		CC-12	Immunology	8	6	48	2020			
	MICROBIOLOGY	DSE-1	Microbes in Sustainable Agriculture and Development	9	6	54	2020			
		DSE-2	Instrumentation and Biotechniques	8	6	48	2020			
VI	MICROBIOLOGY	CC-13	Medical Microbiology	9	6	54	2021	8.75	8.75	Q
		CC-14	Recombinant DNA Technology	8	6	48	2021			
	MICROBIOLOGY	DSE-3	Advances in Microbiology	9	6	54	2021			
		DSE-4	Plant Pathology	9	6	54	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.56							Letter Grade in CGPA : A+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.51										


Date of Publication of Result: 26.08.2021

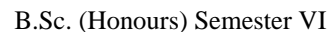
$$SGPA(S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$
$$CGPA = \frac{\sum_{i=1}^N (V_i \times S_i)}{\sum_{i=1}^N V_i}$$

Anindya Zoti Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) 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 of Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	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)	



Grade Point Norms				Percentage of Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
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 HONOURS FINAL EXAMINATION 2021 UNDER CBCS
GRADE CARD

Name: **INDIRA MONDAL** Registration No. **201801044955** of **2018-19** Roll No. **180340600023**

B.Sc. Honours in Nutrition (CBCS)										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	NUTRITION	CC-1	Nutritional Physiology-I	6	6	36	2018	6.50	6.64	Q
		CC-2	Nutritional Aspect of Food Items	7	6	42	2018			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	6	6	36	2018			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2018			
II	NUTRITION	CC-3	Nutritional Physiology-II	7	6	42	2019	6.50	6.60	Q
		CC-4	Physiological Aspect of Nutrition	6	6	36	2019			
	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	6	6	36	2019			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2019			
III	NUTRITION	CC-5	Nutritional Biochemistry	6	6	36	2019	7.00	6.69	Q
		CC-6	Nutrition: Life Cycle Approach	8	6	48	2019			
		CC-7	Diet Therapy - I	7	6	42	2019			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	5	6	30	2019			
	NUTRITION	SEC-1	Environment Management and Public Health	9	2	18	2019			
IV	NUTRITION	CC-8	Nutritional Assessment and Nutrition Programme	8	6	48	2020	8.00	8.00	Q
		CC-9	Community Nutrition and Epidemiology	8	6	48	2020			
		CC-10	Diet Therapy-II	8	6	48	2020			
	ZOOLOGY	GE-4	Genetics and Evolutionary Biology	8	6	48	2020			
	NUTRITION	SEC-2	Immunology, Toxicology and Public Health	8	2	16	2020			
V	NUTRITION	CC-11	Food Microbiology and Food Borne Disease	9	6	54	2020	8.75	8.75	Q
		CC-12	Medical Microbiology and Pathology	8	6	48	2020			
	NUTRITION	DSE-1	Therapeutic Nutrition and Critical Care	9	6	54	2020			
		DSE-2	Molecular Biology	9	6	54	2020			
VI	NUTRITION	CC-13	Nutraceutical and Functional Food	9	6	54	2021	9.00	9.00	Q
		CC-14	Food Safety and Food Standard	9	6	54	2021			
	NUTRITION	DSE-3	Concept of Research and Health Management	9	6	54	2021			
		DSE-4	Food Spoilage and Food Preservation	9	6	54	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.89							Letter Grade in CGPA : A		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.65										

Date of Publication of Result: 26.08.2021


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

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

Anindya Zoti Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) 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 of Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	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 HONOURS FINAL EXAMINATION 2021 UNDER CBCS
GRADE CARD

Name: IPSITA SATH

Registration No. 201801044956 of 2018-19

Roll No.180340600024

B.Sc. Honours in Nutrition (CBCS)										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	NUTRITION	CC-1	Nutritional Physiology-I	7	6	42	2018	7.50	7.27	Q
		CC-2	Nutritional Aspect of Food Items	8	6	48	2018			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	7	6	42	2018			
		ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28			
II	NUTRITION	CC-3	Nutritional Physiology-II	8	6	48	2019	8.00	8.20	Q
		CC-4	Physiological Aspect of Nutrition	8	6	48	2019			
	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	8	6	48	2019			
		Communicative English/MIL	AECC-2	Bengali	10	2	20			
III	NUTRITION	CC-5	Nutritional Biochemistry	7	6	42	2019	8.00	7.62	Q
		CC-6	Nutrition: Life Cycle Approach	9	6	54	2019			
		CC-7	Diet Therapy - I	8	6	48	2019			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	6	6	36	2019			
	NUTRITION	SEC-1	Environment Management and Public Health	9	2	18	2019			
IV	NUTRITION	CC-8	Nutritional Assessment and Nutrition Programme	9	6	54	2020	9.00	8.77	Q
		CC-9	Community Nutrition and Epidemiology	9	6	54	2020			
		CC-10	Diet Therapy-II	9	6	54	2020			
	ZOOLOGY	GE-4	Genetics and Evolutionary Biology	8	6	48	2020			
	NUTRITION	SEC-2	Immunology, Toxicology and Public Health	9	2	18	2020			
V	NUTRITION	CC-11	Food Microbiology and Food Borne Disease	10	6	60	2020	9.50	9.50	Q
		CC-12	Medical Microbiology and Pathology	9	6	54	2020			
	NUTRITION	DSE-1	Therapeutic Nutrition and Critical Care	10	6	60	2020			
		DSE-2	Molecular Biology	9	6	54	2020			
VI	NUTRITION	CC-13	Nutraceutical and Functional Food	10	6	60	2021	9.75	9.75	Q
		CC-14	Food Safety and Food Standard	10	6	60	2021			
	NUTRITION	DSE-3	Concept of Research and Health Management	10	6	60	2021			
		DSE-4	Food Spoilage and Food Preservation	9	6	54	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.83							Letter Grade in CGPA : A+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.54										

Date of Publication of Result: 26.08.2021

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

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

Anindya Zoti Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) 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 of Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	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 HONOURS FINAL EXAMINATION 2021 UNDER CBCS
GRADE CARD**

Name: **ISHITA BHOWMICK**

Registration No. **201801044957** of **2018-19**Roll No. **180340600025**

B.Sc. Honours in Nutrition (CBCS)										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	NUTRITION	CC-1	Nutritional Physiology-I	5	6	30	2018	6.00	5.82	Q
		CC-2	Nutritional Aspect of Food Items	7	6	42	2018			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	4	6	24	2018			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2018			
II	NUTRITION	CC-3	Nutritional Physiology-II	6	6	36	2019	6.50	6.90	Q
		CC-4	Physiological Aspect of Nutrition	7	6	42	2019			
	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	7	6	42	2019			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2019			
III	NUTRITION	CC-5	Nutritional Biochemistry	5	6	30	2019	6.67	6.23	Q
		CC-6	Nutrition: Life Cycle Approach	8	6	48	2019			
		CC-7	Diet Therapy - I	7	6	42	2019			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	4	6	24	2019			
	NUTRITION	SEC-1	Environment Management and Public Health	9	2	18	2019			
IV	NUTRITION	CC-8	Nutritional Assessment and Nutrition Programme	8	6	48	2020	8.00	8.31	Q
		CC-9	Community Nutrition and Epidemiology	8	6	48	2020			
		CC-10	Diet Therapy-II	8	6	48	2020			
	ZOOLOGY	GE-4	Genetics and Evolutionary Biology	9	6	54	2020			
	NUTRITION	SEC-2	Immunology, Toxicology and Public Health	9	2	18	2020			
V	NUTRITION	CC-11	Food Microbiology and Food Borne Disease	9	6	54	2020	8.75	8.75	Q
		CC-12	Medical Microbiology and Pathology	8	6	48	2020			
	NUTRITION	DSE-1	Therapeutic Nutrition and Critical Care	9	6	54	2020			
		DSE-2	Molecular Biology	9	6	54	2020			
VI	NUTRITION	CC-13	Nutraceutical and Functional Food	9	6	54	2021	9.00	9.00	Q
		CC-14	Food Safety and Food Standard	9	6	54	2021			
	NUTRITION	DSE-3	Concept of Research and Health Management	9	6	54	2021			
		DSE-4	Food Spoilage and Food Preservation	9	6	54	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.78							Letter Grade in CGPA : A	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.54										

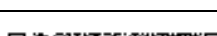
Date of Publication of Result: 26.08.2021

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

Anindya Zohi Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) 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 of Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	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 HONOURS FINAL EXAMINATION 2021 UNDER CBCS
GRADE CARD**

Name: **JAHNABI PAL**

Registration No. **201801044958** of 2018-19Roll No. **180340600026**

B.Sc. Honours in Geography (CBCS)										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	GEOGRAPHY	CC-1	Geotectonics and Geomorphology	7	6	42	2018	7.00	7.45	Q
		CC-2	Cartographic Techniques and Geological map study	7	6	42	2018			
	ZOOLOGY	GE-1	Animal Diversity	8	6	48	2018			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2018			
II	GEOGRAPHY	CC-3	Human Geography	7	6	42	2019	7.50	8.20	Q
		CC-4	Cartograms, Survey and Thematic Mapping	8	6	48	2019			
	BOTANY	GE-2	Plant Ecology and Taxonomy	9	6	54	2019			
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2019			
III	GEOGRAPHY	CC-5	Climatology	6	6	36	2019	7.33	7.31	Q
		CC-6	Statistical Methods in Geography	8	6	48	2019			
		CC-7	Geography of India	8	6	48	2019			
	ZOOLOGY	GE-3	Physiology and Biochemistry	7	6	42	2019			
	GEOGRAPHY	SEC-1	Computer Basics and Computer Applications	8	2	16	2019			
IV	GEOGRAPHY	CC-8	Regional Planning and Development	8	6	48	2020	8.33	8.23	Q
		CC-9	Economic Geography	9	6	54	2020			
		CC-10	Environmental Geography	8	6	48	2020			
	BOTANY	GE-4	Plant Physiology and Metabolism	8	6	48	2020			
	GEOGRAPHY	SEC-2	Field Work	8	2	16	2020			
V	GEOGRAPHY	CC-11	Research Methodology and Field Work	9	6	54	2020	7.75	7.75	Q
		CC-12	Remote Sensing and GIS	7	6	42	2020			
	GEOGRAPHY	DSE-1	Cultural and Settlement Geography	8	6	48	2020			
		DSE-2	Population Geography	7	6	42	2020			
VI	GEOGRAPHY	CC-13	Evolution of Geographical Thought	9	6	54	2021	8.75	8.75	Q
		CC-14	Disaster Management	8	6	48	2021			
	GEOGRAPHY	DSE-3	Resource Geography	9	6	54	2021			
		DSE-4	Soil and Bio Geography	9	6	54	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.89							Letter Grade in CGPA : A	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.94										


Date of Publication of Result: 26.08.2021

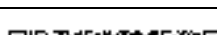
$$SGPA(S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^N (V_i \times S_i)}{\sum_{i=1}^N V_i}$$

Anindya Zohi Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) 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 of Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	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)	

	Grade Point Norms				Percentage of Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	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 HONOURS FINAL EXAMINATION 2021 UNDER CBCS
GRADE CARD**

Name: **KOUSANI GOSWAMI**

Registration No. **201801044960** of **2018-19**Roll No. **180340600028**

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (GxV)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	5	6	30	2019	4.50	4.91	Q
		CC-2	Algebra	4	6	24	2018			
	PHYSICS	GE-1	Mechanics	5	6	30	2018			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2018			
II	MATHEMATICS	CC-3	Real Analysis	5	6	30	2019	6.00	6.40	Q
		CC-4	Differential Equations and Vector Calculus	7	6	42	2019			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	7	6	42	2019			
	Communicative English/MIL	AECC-2	Communicative English	7	2	14	2019			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	5	6	30	2019	5.00	5.31	Q
		CC-6	Group Theory I	4	6	24	2019			
		CC-7	Numerical Methods	6	6	36	2019			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	6	6	36	2019			
	MATHEMATICS	SEC-1	Logic and Sets	6	2	12	2019			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	7	6	42	2020	7.33	7.38	Q
		CC-9	Multivariate Calculus	7	6	42	2020			
		CC-10	Ring Theory and Linear Algebra I	8	6	48	2020			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	8	6	48	2020			
	MATHEMATICS	SEC-2	Graph Theory	6	2	12	2020			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	9	6	54	2020	9.50	9.50	Q
		CC-12	Mechanics I	9	6	54	2020			
	MATHEMATICS	DSE-1	Linear Programming	10	6	60	2020			
		DSE-2	Probability & Statistics	10	6	60	2020			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2021	10.00	10.00	Q
		CC-14	Ring Theory and Linear Algebra II	10	6	60	2021			
	MATHEMATICS	DSE-3	Project Work	10	6	60	2021			
		DSE-4	Mechanics II	10	6	60	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.56							Letter Grade in CGPA : A	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.28										

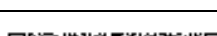
Date of Publication of Result: 26.08.2021

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

Anindya Zohi Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) 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 of Conversion Formula: $= (\text{SGPA or CGPA} \times 10) - 5.0$ *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	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 HONOURS FINAL EXAMINATION 2021 UNDER CBCS
GRADE CARD**

Name: **KUMARI NEHA PATHAK**

Registration No. **201801044962** of **2018-19**

Roll No.180340600030

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	5	6	30	2019	5.00	5.36	Q
		CC-2	Algebra	5	6	30	2018			
	PHYSICS	GE-1	Mechanics	5	6	30	2018			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2018			
II	MATHEMATICS	CC-3	Real Analysis	5	6	30	2019	5.50	5.80	Q
		CC-4	Differential Equations and Vector Calculus	6	6	36	2019			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	6	6	36	2019			
	Communicative English/MIL	AECC-2	Communicative English	7	2	14	2019			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	4	6	24	2019	5.00	5.31	Q
		CC-6	Group Theory I	5	6	30	2019			
		CC-7	Numerical Methods	6	6	36	2019			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	6	6	36	2019			
	MATHEMATICS	SEC-1	Logic and Sets	6	2	12	2019			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	7	6	42	2020	7.33	7.15	Q
		CC-9	Multivariate Calculus	7	6	42	2020			
		CC-10	Ring Theory and Linear Algebra I	8	6	48	2020			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2020			
	MATHEMATICS	SEC-2	Graph Theory	6	2	12	2020			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	9	6	54	2020	9.75	9.75	Q
		CC-12	Mechanics I	10	6	60	2020			
	MATHEMATICS	DSE-1	Linear Programming	10	6	60	2020			
		DSE-2	Probability & Statistics	10	6	60	2020			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2021	9.75	9.75	Q
		CC-14	Ring Theory and Linear Algebra II	10	6	60	2021			
	MATHEMATICS	DSE-3	Project Work	10	6	60	2021			
		DSE-4	Mechanics II	9	6	54	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.56							Letter Grade in CGPA : A	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.23										

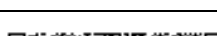
Date of Publication of Result: 26.08.2021

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

Anindya Zohi Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) 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 of Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	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 HONOURS FINAL EXAMINATION 2021 UNDER CBCS
GRADE CARD

Name: **MAHERUKH**

Registration No. **201801044964** of **2018-19**

Roll No. **180340600031**

B.Sc. Honours in Mathematics (CBCS)										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (GxV)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	4	6	24	2019	4.00	4.91	Q
		CC-2	Algebra	4	6	24	2018			
	PHYSICS	GE-1	Mechanics	6	6	36	2018			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2018			
II	MATHEMATICS	CC-3	Real Analysis	4	6	24	2019	5.50	5.10	Q
		CC-4	Differential Equations and Vector Calculus	7	6	42	2019			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	4	6	24	2019			
	Communicative English/MIL	AECC-2	Communicative English	6	2	12	2019			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	4	6	24	2019	5.33	5.38	Q
		CC-6	Group Theory I	6	6	36	2019			
		CC-7	Numerical Methods	6	6	36	2019			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	5	6	30	2019			
	MATHEMATICS	SEC-1	Logic and Sets	7	2	14	2019			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	7	6	42	2020	7.67	7.38	Q
		CC-9	Multivariate Calculus	8	6	48	2020			
		CC-10	Ring Theory and Linear Algebra I	8	6	48	2020			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2020			
	MATHEMATICS	SEC-2	Graph Theory	6	2	12	2020			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	9	6	54	2020	9.25	9.25	Q
		CC-12	Mechanics I	8	6	48	2020			
	MATHEMATICS	DSE-1	Linear Programming	10	6	60	2020			
		DSE-2	Probability & Statistics	10	6	60	2020			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2021	10.00	10.00	Q
		CC-14	Ring Theory and Linear Algebra II	10	6	60	2021			
	MATHEMATICS	DSE-3	Project Work	10	6	60	2021			
		DSE-4	Mechanics II	10	6	60	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.50							Letter Grade in CGPA : A	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.07										


Date of Publication of Result: 26.08.2021

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

Anindya Zohi Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) 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 of Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	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 HONOURS FINAL EXAMINATION 2021 UNDER CBCS
GRADE CARD

Name: **MANIKA DANDAPAT**

Registration No. **201801044965** of 2018-19

Roll No.180340600032

B.Sc. Honours in Chemistry (CBCS)										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (GxV)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	CHEMISTRY	CC-1	Organic Chemistry-I	8	6	48	2018	7.50	7.27	Q
		CC-2	Physical Chemistry-I	7	6	42	2018			
	MATHEMATICS	GE-1	Differential Calculus	7	6	42	2018			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2018			
II	CHEMISTRY	CC-3	Inorganic Chemistry-I	9	6	54	2019	8.50	8.10	Q
		CC-4	Organic Chemistry-II	8	6	48	2019			
	PHYSICS	GE-2	Electricity and Magnetism	7	6	42	2019			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2019			
III	CHEMISTRY	CC-5	Physical Chemistry-II	8	6	48	2019	8.33	8.31	Q
		CC-6	Inorganic Chemistry-II	9	6	54	2019			
		CC-7	Organic Chemistry-III	8	6	48	2019			
	MATHEMATICS	GE-3	Real Analysis	8	6	48	2019			
	CHEMISTRY	SEC-1	Basic Analytical Chemistry	9	2	18	2019			
IV	CHEMISTRY	CC-8	Physical Chemistry-III	9	6	54	2020	8.67	8.54	Q
		CC-9	Inorganic Chemistry-III	9	6	54	2020			
		CC-10	Organic Chemistry - IV	8	6	48	2020			
	PHYSICS	GE-4	Waves and Optics	8	6	48	2020			
	CHEMISTRY	SEC-2	Pharmaceutical Chemistry	9	2	18	2020			
V	CHEMISTRY	CC-11	Inorganic Chemistry-IV	10	6	60	2020	10.00	10.00	Q
		CC-12	Organic Chemistry-V	10	6	60	2020			
	CHEMISTRY	DSE-1	Advanced Physical Chemistry	10	6	60	2020			
		DSE-2	Analytical Methods in Chemistry	10	6	60	2020			
VI	CHEMISTRY	CC-13	Inorganic Chemistry-V	10	6	60	2021	9.75	9.75	Q
		CC-14	Physical Chemistry-IV	9	6	54	2021			
	CHEMISTRY	DSE-3	Green Chemistry	10	6	60	2021			
		DSE-4	Dissertation Followed by Power Point Presentation	10	6	60	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 9.00							Letter Grade in CGPA : O		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.69										

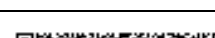
Date of Publication of Result: 26.08.2021

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

Arindya Zohi Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) 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 of Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	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)	



Grade Point Norms				Percentage of Conversion Formula: $= (\text{SGPA or CGPA} \times 10) - 5.0$ *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
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 HONOURS FINAL EXAMINATION 2021 UNDER CBCS
GRADE CARD

Name: **MEGHNA MUKHERJEE** Registration No. **201801044967** of **2018-19** Roll No. **180340600034**

B.Sc. Honours in Microbiology (CBCS)										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MICROBIOLOGY	CC-1	Introduction to Microbiology and Microbial Diversity	7	6	42	2018	7.50	7.09	Q
		CC-2	Bacteriology	8	6	48	2018			
	BOTANY	GE-1	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	7	6	42	2018			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2018			
II	MICROBIOLOGY	CC-3	Biochemistry	8	6	48	2019	8.00	7.60	Q
		CC-4	Virology	8	6	48	2019			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	7	6	42	2019			
	Communicative English/MIL	AECC-2	Communicative English	7	2	14	2019			
III	MICROBIOLOGY	CC-5	Microbial Physiology & Metabolism	7	6	42	2019	8.33	8.23	Q
		CC-6	Cell Biology	10	6	60	2019			
		CC-7	Molecular Biology	8	6	48	2019			
	BOTANY	GE-3	Plant Anatomy and Embryology	8	6	48	2019			
	MICROBIOLOGY	SEC-1	Microbial Diagnosis in Health Clinics	8	2	16	2019			
IV	MICROBIOLOGY	CC-8	Microbial Genetics	9	6	54	2020	9.00	9.00	Q
		CC-9	Environmental Microbiology	9	6	54	2020			
		CC-10	Food and Dairy Microbiology	9	6	54	2020			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	9	6	54	2020			
	MICROBIOLOGY	SEC-2	Food Fermentation Techniques	9	2	18	2020			
V	MICROBIOLOGY	CC-11	Industrial Microbiology	8	6	48	2020	8.25	8.25	Q
		CC-12	Immunology	8	6	48	2020			
	MICROBIOLOGY	DSE-1	Microbes in Sustainable Agriculture and Development	9	6	54	2020			
		DSE-2	Instrumentation and Biotechniques	8	6	48	2020			
VI	MICROBIOLOGY	CC-13	Medical Microbiology	9	6	54	2021	8.75	8.75	Q
		CC-14	Recombinant DNA Technology	8	6	48	2021			
	MICROBIOLOGY	DSE-3	Advances in Microbiology	9	6	54	2021			
		DSE-4	Plant Pathology	9	6	54	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.39							Letter Grade in CGPA : A+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.20										

Date of Publication of Result: 26.08.2021

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

Anindya Zoti Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) 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 of Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	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 HONOURS FINAL EXAMINATION 2021 UNDER CBCS
GRADE CARD**

Name: **MOULI KARMAKAR**

Registration No. **201801044968** of **2018-19**Roll No. **180340600035**

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MICROBIOLOGY	CC-1	Introduction to Microbiology and Microbial Diversity	7	6	42	2018	7.00	7.09	Q
		CC-2	Bacteriology	7	6	42	2018			
	ZOOLOGY	GE-1	Animal Diversity	8	6	48	2018			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2018			
II	MICROBIOLOGY	CC-3	Biochemistry	8	6	48	2019	8.00	8.00	Q
		CC-4	Virology	8	6	48	2019			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	8	6	48	2019			
	Communicative English/MIL	AECC-2	Communicative English	8	2	16	2019			
III	MICROBIOLOGY	CC-5	Microbial Physiology & Metabolism	7	6	42	2019	7.33	7.31	Q
		CC-6	Cell Biology	8	6	48	2019			
		CC-7	Molecular Biology	7	6	42	2019			
	ZOOLOGY	GE-3	Physiology and Biochemistry	7	6	42	2019			
	MICROBIOLOGY	SEC-1	Microbial Diagnosis in Health Clinics	8	2	16	2019			
IV	MICROBIOLOGY	CC-8	Microbial Genetics	8	6	48	2020	8.33	8.46	Q
		CC-9	Environmental Microbiology	9	6	54	2020			
		CC-10	Food and Dairy Microbiology	8	6	48	2020			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	9	6	54	2020			
	MICROBIOLOGY	SEC-2	Food Fermentation Techniques	8	2	16	2020			
V	MICROBIOLOGY	CC-11	Industrial Microbiology	8	6	48	2020	8.50	8.50	Q
		CC-12	Immunology	9	6	54	2020			
	MICROBIOLOGY	DSE-1	Microbes in Sustainable Agriculture and Development	9	6	54	2020			
		DSE-2	Instrumentation and Biotechniques	8	6	48	2020			
VI	MICROBIOLOGY	CC-13	Medical Microbiology	9	6	54	2021	8.75	8.75	Q
		CC-14	Recombinant DNA Technology	8	6	48	2021			
	MICROBIOLOGY	DSE-3	Advances in Microbiology	9	6	54	2021			
		DSE-4	Plant Pathology	9	6	54	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.11							Letter Grade in CGPA : A+	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.03										

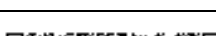
Date of Publication of Result: 26.08.2021

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

Anindya Zohi Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) 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 of Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	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 HONOURS FINAL EXAMINATION 2021 UNDER CBCS
GRADE CARD

Name: **MUNAZZA PARVEEN**

Registration No. **201801044969** of 2018-19Roll No. **180340600036**

B.Sc. Honours in Zoology (CBCS)										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	ZOOLOGY	CC-1	Non-chordates I	4	6	24	2020	4.00	4.36	Q
		CC-2	Ecology	4	6	24	2018			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	4	6	24	2018			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2018			
II	ZOOLOGY	CC-3	Non-chordates II	5	6	30	2020	4.50	4.80	Q
		CC-4	Cell Biology	4	6	24	2019			
	BOTANY	GE-2	Plant Ecology and Taxonomy	5	6	30	2019			
	Communicative English/MIL	AECC-2	Communicative English	6	2	12	2019			
III	ZOOLOGY	CC-5	Chordates	6	6	36	2020	5.00	4.85	Q
		CC-6	Animal Physiology: Controlling and Coordinating Systems	5	6	30	2019			
		CC-7	Fundamentals of Biochemistry	4	6	24	2019			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	4	6	24	2019			
	ZOOLOGY	SEC-1	Apiculture	6	2	12	2020			
IV	ZOOLOGY	CC-8	Comparative Anatomy of Vertebrates	4	6	24	2020	5.00	5.31	Q
		CC-9	Animal Physiology: Life Sustaining Systems	5	6	30	2020			
		CC-10	Immunology	6	6	36	2020			
	BOTANY	GE-4	Plant Physiology and Metabolism	6	6	36	2020			
	ZOOLOGY	SEC-2	Medical Diagnostics	6	2	12	2020			
V	ZOOLOGY	CC-11	Molecular Biology	5	6	30	2020	6.50	6.50	Q
		CC-12	Genetics	7	6	42	2020			
	ZOOLOGY	DSE-1	Animal Biotechnology	6	6	36	2020			
		DSE-2	Parasitology	8	6	48	2020			
VI	ZOOLOGY	CC-13	Developmental Biology	8	6	48	2021	6.75	6.75	Q
		CC-14	Evolutionary Biology	6	6	36	2021			
	ZOOLOGY	DSE-3	Wild life Conservation	8	6	48	2021			
		DSE-4	Endocrinology	5	6	30	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 5.56							Letter Grade in CGPA : B	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 5.45										

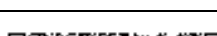
Date of Publication of Result: 26.08.2021

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

Anindya Zohi Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) 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 of Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	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 HONOURS FINAL EXAMINATION 2021 UNDER CBCS
GRADE CARD

Name: **NANDITA BANERJEE**

Registration No. **201801044970** of **2018-19**Roll No. **180340600037**

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MICROBIOLOGY	CC-1	Introduction to Microbiology and Microbial Diversity	7	6	42	2018	6.50	7.00	Q
		CC-2	Bacteriology	6	6	36	2018			
	ZOOLOGY	GE-1	Animal Diversity	8	6	48	2018			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2018			
II	MICROBIOLOGY	CC-3	Biochemistry	8	6	48	2019	8.00	7.60	Q
		CC-4	Virology	8	6	48	2019			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	7	6	42	2019			
	Communicative English/MIL	AECC-2	Communicative English	7	2	14	2019			
III	MICROBIOLOGY	CC-5	Microbial Physiology & Metabolism	7	6	42	2019	6.67	6.77	Q
		CC-6	Cell Biology	7	6	42	2019			
		CC-7	Molecular Biology	6	6	36	2019			
	ZOOLOGY	GE-3	Physiology and Biochemistry	7	6	42	2019			
	MICROBIOLOGY	SEC-1	Microbial Diagnosis in Health Clinics	7	2	14	2019			
IV	MICROBIOLOGY	CC-8	Microbial Genetics	8	6	48	2020	8.00	8.23	Q
		CC-9	Environmental Microbiology	8	6	48	2020			
		CC-10	Food and Dairy Microbiology	8	6	48	2020			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	9	6	54	2020			
	MICROBIOLOGY	SEC-2	Food Fermentation Techniques	8	2	16	2020			
V	MICROBIOLOGY	CC-11	Industrial Microbiology	8	6	48	2020	8.25	8.25	Q
		CC-12	Immunology	9	6	54	2020			
	MICROBIOLOGY	DSE-1	Microbes in Sustainable Agriculture and Development	8	6	48	2020			
		DSE-2	Instrumentation and Biotechniques	8	6	48	2020			
VI	MICROBIOLOGY	CC-13	Medical Microbiology	9	6	54	2021	9.00	9.00	Q
		CC-14	Recombinant DNA Technology	9	6	54	2021			
	MICROBIOLOGY	DSE-3	Advances in Microbiology	9	6	54	2021			
		DSE-4	Plant Pathology	9	6	54	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.89							Letter Grade in CGPA : A	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.82										

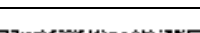
Date of Publication of Result: 26.08.2021

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

Anindya Zohi Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) 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 of Conversion Formula: $= (\text{SGPA or CGPA} \times 10) - 5.0$ *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	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 HONOURS FINAL EXAMINATION 2021 UNDER CBCS
GRADE CARD

Name: **NAZIA PARVIN**

Registration No. **201801044971** of 2018-19

Roll No.180340600038

B.Sc. Honours in Zoology (CBCS)										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	ZOOLOGY	CC-1	Non-chordates I	6	6	36	2018	6.00	5.91	Q
		CC-2	Ecology	6	6	36	2018			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	5	6	30	2018			
		ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28			
II	ZOOLOGY	CC-3	Non-chordates II	6	6	36	2019	5.50	5.80	Q
		CC-4	Cell Biology	5	6	30	2019			
	BOTANY	GE-2	Plant Ecology and Taxonomy	6	6	36	2019			
	Communicative English/MIL	AECC-2	Communicative English	7	2	14	2019			
III	ZOOLOGY	CC-5	Chordates	5	6	30	2019	4.67	4.69	Q
		CC-6	Animal Physiology: Controlling and Coordinating Systems	5	6	30	2019			
		CC-7	Fundamentals of Biochemistry	4	6	24	2019			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	4	6	24	2019			
	ZOOLOGY	SEC-1	Apiculture	7	2	14	2019			
IV	ZOOLOGY	CC-8	Comparative Anatomy of Vertebrates	5	6	30	2020	6.00	6.31	Q
		CC-9	Animal Physiology: Life Sustaining Systems	6	6	36	2020			
		CC-10	Immunology	7	6	42	2020			
	BOTANY	GE-4	Plant Physiology and Metabolism	7	6	42	2020			
	ZOOLOGY	SEC-2	Medical Diagnostics	7	2	14	2020			
V	ZOOLOGY	CC-11	Molecular Biology	7	6	42	2020	7.50	7.50	Q
		CC-12	Genetics	8	6	48	2020			
	ZOOLOGY	DSE-1	Animal Biotechnology	7	6	42	2020			
		DSE-2	Parasitology	8	6	48	2020			
VI	ZOOLOGY	CC-13	Developmental Biology	8	6	48	2021	8.25	8.25	Q
		CC-14	Evolutionary Biology	8	6	48	2021			
	ZOOLOGY	DSE-3	Wild life Conservation	9	6	54	2021			
		DSE-4	Endocrinology	8	6	48	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 6.56							Letter Grade in CGPA : B+	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 6.41										


Date of Publication of Result: 26.08.2021

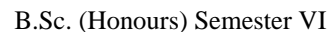
$$\text{SGPA (S)} = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad \text{CGPA} = \frac{\sum_{i=1}^N (V_i \times S_i)}{\sum_{i=1}^N V_i}$$

Anindya Zohi Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) 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 of Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	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)	



Grade Point Norms				Percentage of Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
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 HONOURS FINAL EXAMINATION 2021 UNDER CBCS
GRADE CARD

Name: OMPI NATH

Registration No. 201801044974 of 2018-19

Roll No.180340600040

B.Sc. Honours in Nutrition (CBCS)										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	NUTRITION	CC-1	Nutritional Physiology-I	7	6	42	2018	7.50	6.55	Q
		CC-2	Nutritional Aspect of Food Items	8	6	48	2018			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	5	6	30	2018			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2018			
II	NUTRITION	CC-3	Nutritional Physiology-II	7	6	42	2019	7.00	7.00	Q
		CC-4	Physiological Aspect of Nutrition	7	6	42	2019			
	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	7	6	42	2019			
	Communicative English/MIL	AECC-2	Communicative English	7	2	14	2019			
III	NUTRITION	CC-5	Nutritional Biochemistry	7	6	42	2019	7.67	7.08	Q
		CC-6	Nutrition: Life Cycle Approach	9	6	54	2019			
		CC-7	Diet Therapy - I	7	6	42	2019			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	5	6	30	2019			
	NUTRITION	SEC-1	Environment Management and Public Health	8	2	16	2019			
IV	NUTRITION	CC-8	Nutritional Assessment and Nutrition Programme	8	6	48	2020	8.00	8.00	Q
		CC-9	Community Nutrition and Epidemiology	8	6	48	2020			
		CC-10	Diet Therapy-II	8	6	48	2020			
	ZOOLOGY	GE-4	Genetics and Evolutionary Biology	8	6	48	2020			
	NUTRITION	SEC-2	Immunology, Toxicology and Public Health	8	2	16	2020			
V	NUTRITION	CC-11	Food Microbiology and Food Borne Disease	9	6	54	2020	9.00	9.00	Q
		CC-12	Medical Microbiology and Pathology	9	6	54	2020			
	NUTRITION	DSE-1	Therapeutic Nutrition and Critical Care	9	6	54	2020			
		DSE-2	Molecular Biology	9	6	54	2020			
VI	NUTRITION	CC-13	Nutraceutical and Functional Food	9	6	54	2021	8.75	8.75	Q
		CC-14	Food Safety and Food Standard	8	6	48	2021			
	NUTRITION	DSE-3	Concept of Research and Health Management	9	6	54	2021			
		DSE-4	Food Spoilage and Food Preservation	9	6	54	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.17							Letter Grade in CGPA : A+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.76										

Date of Publication of Result: 26.08.2021

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

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

Anindya Zoti Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) 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 of Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	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 HONOURS FINAL EXAMINATION 2021 UNDER CBCS
GRADE CARD

Name: PAYEL DEY

Registration No. 201801044976 of 2018-19

Roll No.180340600041

B.Sc. Honours in Nutrition (CBCS)										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	NUTRITION	CC-1	Nutritional Physiology-I	8	6	48	2018	8.00	7.55	Q
		CC-2	Nutritional Aspect of Food Items	8	6	48	2018			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	7	6	42	2018			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2018			
II	NUTRITION	CC-3	Nutritional Physiology-II	7	6	42	2019	8.00	8.20	Q
		CC-4	Physiological Aspect of Nutrition	9	6	54	2019			
	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	8	6	48	2019			
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2019			
III	NUTRITION	CC-5	Nutritional Biochemistry	8	6	48	2019	8.00	7.77	Q
		CC-6	Nutrition: Life Cycle Approach	8	6	48	2019			
		CC-7	Diet Therapy - I	8	6	48	2019			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	7	6	42	2019			
	NUTRITION	SEC-1	Environment Management and Public Health	8	2	16	2019			
IV	NUTRITION	CC-8	Nutritional Assessment and Nutrition Programme	9	6	54	2020	9.00	9.00	Q
		CC-9	Community Nutrition and Epidemiology	9	6	54	2020			
		CC-10	Diet Therapy-II	9	6	54	2020			
	ZOOLOGY	GE-4	Genetics and Evolutionary Biology	9	6	54	2020			
	NUTRITION	SEC-2	Immunology, Toxicology and Public Health	9	2	18	2020			
V	NUTRITION	CC-11	Food Microbiology and Food Borne Disease	10	6	60	2020	9.75	9.75	Q
		CC-12	Medical Microbiology and Pathology	9	6	54	2020			
	NUTRITION	DSE-1	Therapeutic Nutrition and Critical Care	10	6	60	2020			
		DSE-2	Molecular Biology	10	6	60	2020			
VI	NUTRITION	CC-13	Nutraceutical and Functional Food	10	6	60	2021	9.50	9.50	Q
		CC-14	Food Safety and Food Standard	9	6	54	2021			
	NUTRITION	DSE-3	Concept of Research and Health Management	10	6	60	2021			
		DSE-4	Food Spoilage and Food Preservation	9	6	54	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.89							Letter Grade in CGPA : A+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.65										

Date of Publication of Result: 26.08.2021

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

Anindya Zoti Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) 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 of Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	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 HONOURS FINAL EXAMINATION 2021 UNDER CBCS
GRADE CARD**

Name: **PAYEL GHOSH**

Registration No. **201801044977** of **2018-19**Roll No. **180340600042**

B.Sc. Honours in Physics (CBCS)										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	PHYSICS	CC-1	Mathematical Physics-I	6	6	36	2018	5.50	5.64	Q
		CC-2	Mechanics	5	6	30	2018			
	MATHEMATICS	GE-1	Differential Calculus	5	6	30	2018			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2018			
II	PHYSICS	CC-3	Electricity and Magnetism	7	6	42	2019	6.00	6.00	Q
		CC-4	Waves and Optics	5	6	30	2019			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	6	6	36	2019			
	Communicative English/MIL	AECC-2	Communicative English	6	2	12	2019			
III	PHYSICS	CC-5	Mathematical Physics-II	7	6	42	2019	6.00	5.92	Q
		CC-6	Thermal Physics	5	6	30	2019			
		CC-7	Digital Systems and Applications	6	6	36	2019			
	MATHEMATICS	GE-3	Real Analysis	5	6	30	2019			
	PHYSICS	SEC-1	Renewable Energy and Energy Harvesting	8	2	16	2019			
IV	PHYSICS	CC-8	Mathematical Physics-III	8	6	48	2020	8.00	8.00	Q
		CC-9	Elements of Modern Physics	8	6	48	2020			
		CC-10	Analog Systems & Applications	8	6	48	2020			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	8	6	48	2020			
	PHYSICS	SEC-2	Electrical Circuits and Network Skills	8	2	16	2020			
V	PHYSICS	CC-11	Quantum Mechanics and Applications	7	6	42	2020	7.50	7.50	Q
		CC-12	Solid State Physics	7	6	42	2020			
	PHYSICS	DSE-1	Advanced Mathematical Physics	7	6	42	2020			
		DSE-2	Classical Dynamics	9	6	54	2020			
VI	PHYSICS	CC-13	Electromagnetic Theory	7	6	42	2021	7.25	7.25	Q
		CC-14	Statistical Mechanics	9	6	54	2021			
	PHYSICS	DSE-3	Nuclear and Particle Physics	6	6	36	2021			
		DSE-4	Astronomy and Astrophysics	7	6	42	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 6.89							Letter Grade in CGPA : B+	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 6.76										

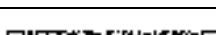
Date of Publication of Result: 26.08.2021

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

Anindya Zyoti Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) 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 of Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	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 HONOURS FINAL EXAMINATION 2021 UNDER CBCS
GRADE CARD**

Name: **PAYEL NAYEK**

Registration No. **201801044978** of **2018-19**Roll No. **180340600043**

B.Sc. Honours in Zoology (CBCS)										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (GxV)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	ZOOLOGY	CC-1	Non-chordates I	5	6	30	2018	5.00	5.45	Q
		CC-2	Ecology	5	6	30	2018			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	6	6	36	2018			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2018			
II	ZOOLOGY	CC-3	Non-chordates II	6	6	36	2019	6.50	6.40	Q
		CC-4	Cell Biology	7	6	42	2019			
	BOTANY	GE-2	Plant Ecology and Taxonomy	6	6	36	2019			
	Communicative English/MIL	AECC-2	Communicative English	7	2	14	2019			
III	ZOOLOGY	CC-5	Chordates	5	6	30	2019	4.67	4.85	Q
		CC-6	Animal Physiology: Controlling and Coordinating Systems	5	6	30	2019			
		CC-7	Fundamentals of Biochemistry	4	6	24	2019			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	5	6	30	2019			
	ZOOLOGY	SEC-1	Apiculture	6	2	12	2019			
IV	ZOOLOGY	CC-8	Comparative Anatomy of Vertebrates	5	6	30	2020	6.00	6.31	Q
		CC-9	Animal Physiology: Life Sustaining Systems	6	6	36	2020			
		CC-10	Immunology	7	6	42	2020			
	BOTANY	GE-4	Plant Physiology and Metabolism	7	6	42	2020			
	ZOOLOGY	SEC-2	Medical Diagnostics	7	2	14	2020			
V	ZOOLOGY	CC-11	Molecular Biology	6	6	36	2020	7.25	7.25	Q
		CC-12	Genetics	8	6	48	2020			
	ZOOLOGY	DSE-1	Animal Biotechnology	7	6	42	2020			
		DSE-2	Parasitology	8	6	48	2020			
VI	ZOOLOGY	CC-13	Developmental Biology	9	6	54	2021	7.75	7.75	Q
		CC-14	Evolutionary Biology	7	6	42	2021			
	ZOOLOGY	DSE-3	Wild life Conservation	8	6	48	2021			
		DSE-4	Endocrinology	7	6	42	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 6.39							Letter Grade in CGPA : B+	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 6.32										


Date of Publication of Result: 26.08.2021

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

Anindya Zohi Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) 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 of Conversion Formula: $= (\text{SGPA or CGPA} \times 10) - 5.0$ *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	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 HONOURS FINAL EXAMINATION 2021 UNDER CBCS
GRADE CARD

Name: PRATITI BAG Registration No. 201801044979 of 2018-19 Roll No.180340600044

B.Sc. Honours in Geography (CBCS)										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	GEOGRAPHY	CC-1	Geotectonics and Geomorphology	8	6	48	2018	7.50	7.00	Q
		CC-2	Cartographic Techniques and Geological map study	7	6	42	2018			
	ZOOLOGY	GE-1	Animal Diversity	6	6	36	2018			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2018			
II	GEOGRAPHY	CC-3	Human Geography	8	6	48	2019	8.00	8.20	Q
		CC-4	Cartograms, Survey and Thematic Mapping	8	6	48	2019			
	BOTANY	GE-2	Plant Ecology and Taxonomy	8	6	48	2019			
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2019			
III	GEOGRAPHY	CC-5	Climatology	7	6	42	2019	7.33	7.54	Q
		CC-6	Statistical Methods in Geography	8	6	48	2019			
		CC-7	Geography of India	7	6	42	2019			
	ZOOLOGY	GE-3	Physiology and Biochemistry	8	6	48	2019			
	GEOGRAPHY	SEC-1	Computer Basics and Computer Applications	8	2	16	2019			
IV	GEOGRAPHY	CC-8	Regional Planning and Development	8	6	48	2020	8.00	8.08	Q
		CC-9	Economic Geography	8	6	48	2020			
		CC-10	Environmental Geography	8	6	48	2020			
	BOTANY	GE-4	Plant Physiology and Metabolism	8	6	48	2020			
	GEOGRAPHY	SEC-2	Field Work	9	2	18	2020			
V	GEOGRAPHY	CC-11	Research Methodology and Field Work	9	6	54	2020	8.00	8.00	Q
		CC-12	Remote Sensing and GIS	8	6	48	2020			
	GEOGRAPHY	DSE-1	Cultural and Settlement Geography	8	6	48	2020			
		DSE-2	Population Geography	7	6	42	2020			
VI	GEOGRAPHY	CC-13	Evolution of Geographical Thought	9	6	54	2021	8.75	8.75	Q
		CC-14	Disaster Management	8	6	48	2021			
	GEOGRAPHY	DSE-3	Resource Geography	9	6	54	2021			
		DSE-4	Soil and Bio Geography	9	6	54	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.00							Letter Grade in CGPA : A+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.93										

Date of Publication of Result: 26.08.2021

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

Anindya Zoti Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) 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 of Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	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 HONOURS FINAL EXAMINATION 2021 UNDER CBCS
GRADE CARD

Name: PRAYOSEE NANDY

Registration No. 201801044980 of 2018-19

Roll No.180340600045

B.Sc. Honours in Microbiology (CBCS)										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MICROBIOLOGY	CC-1	Introduction to Microbiology and Microbial Diversity	7	6	42	2018	7.00	6.55	Q
		CC-2	Bacteriology	7	6	42	2018			
	BOTANY	GE-1	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	6	6	36	2018			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2018			
II	MICROBIOLOGY	CC-3	Biochemistry	8	6	48	2019	8.00	8.00	Q
		CC-4	Virology	8	6	48	2019			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	8	6	48	2019			
	Communicative English/MIL	AECC-2	Communicative English	8	2	16	2019			
III	MICROBIOLOGY	CC-5	Microbial Physiology & Metabolism	8	6	48	2019	7.67	7.54	Q
		CC-6	Cell Biology	8	6	48	2019			
		CC-7	Molecular Biology	7	6	42	2019			
	BOTANY	GE-3	Plant Anatomy and Embryology	7	6	42	2019			
	MICROBIOLOGY	SEC-1	Microbial Diagnosis in Health Clinics	8	2	16	2019			
IV	MICROBIOLOGY	CC-8	Microbial Genetics	9	6	54	2020	8.67	8.69	Q
		CC-9	Environmental Microbiology	9	6	54	2020			
		CC-10	Food and Dairy Microbiology	8	6	48	2020			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	9	6	54	2020			
	MICROBIOLOGY	SEC-2	Food Fermentation Techniques	8	2	16	2020			
V	MICROBIOLOGY	CC-11	Industrial Microbiology	9	6	54	2020	8.25	8.25	Q
		CC-12	Immunology	8	6	48	2020			
	MICROBIOLOGY	DSE-1	Microbes in Sustainable Agriculture and Development	8	6	48	2020			
		DSE-2	Instrumentation and Biotechniques	8	6	48	2020			
VI	MICROBIOLOGY	CC-13	Medical Microbiology	9	6	54	2021	9.00	9.00	Q
		CC-14	Recombinant DNA Technology	9	6	54	2021			
	MICROBIOLOGY	DSE-3	Advances in Microbiology	9	6	54	2021			
		DSE-4	Plant Pathology	9	6	54	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.22							Letter Grade in CGPA : A+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.03										

Date of Publication of Result: 26.08.2021

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

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

Anindya Zoti Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) 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 of Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	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 HONOURS FINAL EXAMINATION 2021 UNDER CBCS
GRADE CARD

Name: **PRITIKA CHAKRABORTY** Registration No. **201801044981** of **2018-19** Roll No. **180340600046**

B.Sc. Honours in Nutrition (CBCS)										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	NUTRITION	CC-1	Nutritional Physiology-I	6	6	36	2018	6.50	6.55	Q
		CC-2	Nutritional Aspect of Food Items	7	6	42	2018			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	7	6	42	2018			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2018			
II	NUTRITION	CC-3	Nutritional Physiology-II	8	6	48	2019	7.50	7.80	Q
		CC-4	Physiological Aspect of Nutrition	7	6	42	2019			
	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	8	6	48	2019			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2019			
III	NUTRITION	CC-5	Nutritional Biochemistry	7	6	42	2019	8.00	7.62	Q
		CC-6	Nutrition: Life Cycle Approach	9	6	54	2019			
		CC-7	Diet Therapy - I	8	6	48	2019			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	6	6	36	2019			
	NUTRITION	SEC-1	Environment Management and Public Health	9	2	18	2019			
IV	NUTRITION	CC-8	Nutritional Assessment and Nutrition Programme	9	6	54	2020	9.00	8.77	Q
		CC-9	Community Nutrition and Epidemiology	9	6	54	2020			
		CC-10	Diet Therapy-II	9	6	54	2020			
	ZOOLOGY	GE-4	Genetics and Evolutionary Biology	8	6	48	2020			
	NUTRITION	SEC-2	Immunology, Toxicology and Public Health	9	2	18	2020			
V	NUTRITION	CC-11	Food Microbiology and Food Borne Disease	9	6	54	2020	9.25	9.25	Q
		CC-12	Medical Microbiology and Pathology	10	6	60	2020			
	NUTRITION	DSE-1	Therapeutic Nutrition and Critical Care	9	6	54	2020			
		DSE-2	Molecular Biology	9	6	54	2020			
VI	NUTRITION	CC-13	Nutraceutical and Functional Food	10	6	60	2021	9.50	9.50	Q
		CC-14	Food Safety and Food Standard	10	6	60	2021			
	NUTRITION	DSE-3	Concept of Research and Health Management	9	6	54	2021			
		DSE-4	Food Spoilage and Food Preservation	9	6	54	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.56							Letter Grade in CGPA : A+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.28										

Date of Publication of Result: 26.08.2021

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

Anindya Zoti Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) 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 of Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	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 HONOURS FINAL EXAMINATION 2021 UNDER CBCS
GRADE CARD

Name: **PRIYA GHOSAL** Registration No. **201801044982** of **2018-19** Roll No. **180340600047**

B.Sc. Honours in Geography (CBCS)										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	GEOGRAPHY	CC-1	Geotectonics and Geomorphology	4	6	24	2018	5.00	5.00	Q
		CC-2	Cartographic Techniques and Geological map study	6	6	36	2018			
	ZOOLOGY	GE-1	Animal Diversity	5	6	30	2018			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	5	4	20	2018			
II	GEOGRAPHY	CC-3	Human Geography	6	6	36	2019	6.50	6.70	Q
		CC-4	Cartograms, Survey and Thematic Mapping	7	6	42	2019			
	BOTANY	GE-2	Plant Ecology and Taxonomy	7	6	42	2019			
	Communicative English/MIL	AECC-2	Communicative English	7	2	14	2019			
III	GEOGRAPHY	CC-5	Climatology	5	6	30	2019	6.67	6.85	Q
		CC-6	Statistical Methods in Geography	9	6	54	2019			
		CC-7	Geography of India	6	6	36	2019			
	ZOOLOGY	GE-3	Physiology and Biochemistry	7	6	42	2019			
	GEOGRAPHY	SEC-1	Computer Basics and Computer Applications	8	2	16	2019			
IV	GEOGRAPHY	CC-8	Regional Planning and Development	8	6	48	2020	8.00	7.77	Q
		CC-9	Economic Geography	8	6	48	2020			
		CC-10	Environmental Geography	8	6	48	2020			
	BOTANY	GE-4	Plant Physiology and Metabolism	7	6	42	2020			
	GEOGRAPHY	SEC-2	Field Work	8	2	16	2020			
V	GEOGRAPHY	CC-11	Research Methodology and Field Work	9	6	54	2020	8.00	8.00	Q
		CC-12	Remote Sensing and GIS	7	6	42	2020			
	GEOGRAPHY	DSE-1	Cultural and Settlement Geography	8	6	48	2020			
		DSE-2	Population Geography	8	6	48	2020			
VI	GEOGRAPHY	CC-13	Evolution of Geographical Thought	9	6	54	2021	8.25	8.25	Q
		CC-14	Disaster Management	8	6	48	2021			
	GEOGRAPHY	DSE-3	Resource Geography	8	6	48	2021			
		DSE-4	Soil and Bio Geography	8	6	48	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.33							Letter Grade in CGPA : A		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.14										


Date of Publication of Result: 26.08.2021

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

Anindya Zoti Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) 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 of Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	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 HONOURS FINAL EXAMINATION 2021 UNDER CBCS
GRADE CARD

Name: PRIYA GHOSH

Registration No. 201801044983 of 2018-19

Roll No.180340600048

B.Sc. Honours in Zoology (CBCS)											
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code	
								CCs & DSEs	All Courses		
I	ZOOLOGY	CC-1	Non-chordates I	5	6	30	2018	5.50	5.64	Q	
		CC-2	Ecology	6	6	36	2018				
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons		5	6	30				2018
			ENVIRONMENTAL STUDIES		AECC-1	Fundamentals of Environmental Studies					7
II	ZOOLOGY	CC-3	Non-chordates II	6	6	36	2019	5.50	5.50	Q	
		CC-4	Cell Biology	5	6	30	2019				
	BOTANY	GE-2	Plant Ecology and Taxonomy		5	6	30				2019
	Communicative English/MIL	AECC-2	Communicative English		7	2	14				2019
III	ZOOLOGY	CC-5	Chordates	4	6	24	2019	4.67	5.23	Q	
		CC-6	Animal Physiology: Controlling and Coordinating Systems		6	6	36				2019
		CC-7	Fundamentals of Biochemistry		4	6	24				2019
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry		6	6	36				2019
	ZOOLOGY	SEC-1	Apiculture		8	2	16				2019
IV	ZOOLOGY	CC-8	Comparative Anatomy of Vertebrates	5	6	30	2020	5.67	6.15	Q	
		CC-9	Animal Physiology: Life Sustaining Systems		6	6	36				2020
		CC-10	Immunology		6	6	36				2020
	BOTANY	GE-4	Plant Physiology and Metabolism		7	6	42				2020
	ZOOLOGY	SEC-2	Medical Diagnostics		8	2	16				2020
V	ZOOLOGY	CC-11	Molecular Biology	5	6	30	2020	6.75	6.75	Q	
		CC-12	Genetics	8	6	48	2020				
	ZOOLOGY	DSE-1	Animal Biotechnology		6	6	36				2020
		DSE-2	Parasitology		8	6	48				2020
VI	ZOOLOGY	CC-13	Developmental Biology	8	6	48	2021	7.00	7.00	Q	
		CC-14	Evolutionary Biology		6	6	36				2021
	ZOOLOGY	DSE-3	Wild life Conservation		8	6	48				2021
		DSE-4	Endocrinology		6	6	36				2021
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 6.00							Letter Grade in CGPA : B+		Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 6.06											

Date of Publication of Result: 26.08.2021

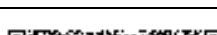
$$SGPA(S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$
$$CGPA = \frac{\sum_{i=1}^N (V_i \times S_i)}{\sum_{i=1}^N V_i}$$

Anindya Zoti Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) 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 of Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	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)	

	Grade Point Norms				Percentage of Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	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 HONOURS FINAL EXAMINATION 2021 UNDER CBCS
GRADE CARD

Name: **PROMITA MALLICK**

Registration No. **201801044985** of 2018-19

Roll No. **180340600050**

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (GxV)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	PHYSICS	CC-1	Mathematical Physics-I	6	6	36	2018	5.50	5.18	Q
		CC-2	Mechanics	5	6	30	2018			
	MATHEMATICS	GE-1	Differential Calculus	4	6	24	2019			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2018			
II	PHYSICS	CC-3	Electricity and Magnetism	5	6	30	2019	5.00	5.50	Q
		CC-4	Waves and Optics	5	6	30	2019			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	5	6	30	2019			
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2019			
III	PHYSICS	CC-5	Mathematical Physics-II	5	6	30	2019	5.00	4.85	Q
		CC-6	Thermal Physics	5	6	30	2019			
		CC-7	Digital Systems and Applications	5	6	30	2019			
	MATHEMATICS	GE-3	Real Analysis	4	6	24	2019			
	PHYSICS	SEC-1	Renewable Energy and Energy Harvesting	6	2	12	2019			
IV	PHYSICS	CC-8	Mathematical Physics-III	7	6	42	2020	7.33	7.23	Q
		CC-9	Elements of Modern Physics	7	6	42	2020			
		CC-10	Analog Systems & Applications	8	6	48	2020			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2020			
	PHYSICS	SEC-2	Electrical Circuits and Network Skills	7	2	14	2020			
V	PHYSICS	CC-11	Quantum Mechanics and Applications	9	6	54	2020	8.25	8.25	Q
		CC-12	Solid State Physics	9	6	54	2020			
	PHYSICS	DSE-1	Advanced Mathematical Physics	7	6	42	2020			
		DSE-2	Classical Dynamics	8	6	48	2020			
VI	PHYSICS	CC-13	Electromagnetic Theory	8	6	48	2021	8.75	8.75	Q
		CC-14	Statistical Mechanics	9	6	54	2021			
	PHYSICS	DSE-3	Nuclear and Particle Physics	8	6	48	2021			
		DSE-4	Astronomy and Astrophysics	10	6	60	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.00							Letter Grade in CGPA : A	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 6.66										

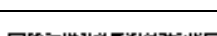
Date of Publication of Result: 26.08.2021

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

Anindya Zohi Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) 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 of Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	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 HONOURS FINAL EXAMINATION 2021 UNDER CBCS
GRADE CARD**

Name: **RANKITA BORAL**

Registration No. **201801044986** of **2018-19**Roll No. **180340600051**

B.Sc. Honours in Zoology (CBCS)										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	ZOOLOGY	CC-1	Non-chordates I	5	6	30	2018	5.50	5.64	Q
		CC-2	Ecology	6	6	36	2018			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	5	6	30	2018			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2018			
II	ZOOLOGY	CC-3	Non-chordates II	6	6	36	2019	6.00	6.00	Q
		CC-4	Cell Biology	6	6	36	2019			
	BOTANY	GE-2	Plant Ecology and Taxonomy	5	6	30	2019			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2019			
III	ZOOLOGY	CC-5	Chordates	5	6	30	2019	5.33	5.46	Q
		CC-6	Animal Physiology: Controlling and Coordinating Systems	7	6	42	2019			
		CC-7	Fundamentals of Biochemistry	4	6	24	2019			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	5	6	30	2019			
	ZOOLOGY	SEC-1	Apiculture	8	2	16	2019			
IV	ZOOLOGY	CC-8	Comparative Anatomy of Vertebrates	5	6	30	2020	5.67	6.08	Q
		CC-9	Animal Physiology: Life Sustaining Systems	5	6	30	2020			
		CC-10	Immunology	7	6	42	2020			
	BOTANY	GE-4	Plant Physiology and Metabolism	7	6	42	2020			
	ZOOLOGY	SEC-2	Medical Diagnostics	7	2	14	2020			
V	ZOOLOGY	CC-11	Molecular Biology	5	6	30	2020	6.75	6.75	Q
		CC-12	Genetics	8	6	48	2020			
	ZOOLOGY	DSE-1	Animal Biotechnology	6	6	36	2020			
		DSE-2	Parasitology	8	6	48	2020			
VI	ZOOLOGY	CC-13	Developmental Biology	8	6	48	2021	7.25	7.25	Q
		CC-14	Evolutionary Biology	6	6	36	2021			
	ZOOLOGY	DSE-3	Animal Behaviour	9	6	54	2021			
		DSE-4	Endocrinology	6	6	36	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 6.22							Letter Grade in CGPA : B+	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 6.20										


Date of Publication of Result: 26.08.2021

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

Anindya Zohi Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) 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 of Conversion Formula: $= (\text{SGPA or CGPA} \times 10) - 5.0$ *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	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 HONOURS FINAL EXAMINATION 2021 UNDER CBCS
GRADE CARD**

Name: **RISHITA CHAKRABORTY**

Registration No. **201801044988** of **2018-19**Roll No. **180340600053**

B.Sc. Honours in Nutrition (CBCS)										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	NUTRITION	CC-1	Nutritional Physiology-I	6	6	36	2018	6.50	6.27	Q
		CC-2	Nutritional Aspect of Food Items	7	6	42	2018			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	6	6	36	2018			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2018			
II	NUTRITION	CC-3	Nutritional Physiology-II	7	6	42	2019	7.00	7.10	Q
		CC-4	Physiological Aspect of Nutrition	7	6	42	2019			
	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	7	6	42	2019			
	Communicative English/MIL	AECC-2	Bengali	8	2	16	2019			
III	NUTRITION	CC-5	Nutritional Biochemistry	7	6	42	2019	7.67	7.08	Q
		CC-6	Nutrition: Life Cycle Approach	8	6	48	2019			
		CC-7	Diet Therapy - I	8	6	48	2019			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	5	6	30	2019			
	NUTRITION	SEC-1	Environment Management and Public Health	8	2	16	2019			
IV	NUTRITION	CC-8	Nutritional Assessment and Nutrition Programme	9	6	54	2020	9.00	8.77	Q
		CC-9	Community Nutrition and Epidemiology	9	6	54	2020			
		CC-10	Diet Therapy-II	9	6	54	2020			
	ZOOLOGY	GE-4	Genetics and Evolutionary Biology	8	6	48	2020			
	NUTRITION	SEC-2	Immunology, Toxicology and Public Health	9	2	18	2020			
V	NUTRITION	CC-11	Food Microbiology and Food Borne Disease	10	6	60	2020	9.75	9.75	Q
		CC-12	Medical Microbiology and Pathology	9	6	54	2020			
	NUTRITION	DSE-1	Therapeutic Nutrition and Critical Care	10	6	60	2020			
		DSE-2	Molecular Biology	10	6	60	2020			
VI	NUTRITION	CC-13	Nutraceutical and Functional Food	10	6	60	2021	9.50	9.50	Q
		CC-14	Food Safety and Food Standard	9	6	54	2021			
	NUTRITION	DSE-3	Concept of Research and Health Management	10	6	60	2021			
		DSE-4	Food Spoilage and Food Preservation	9	6	54	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.56							Letter Grade in CGPA : A+	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.13										

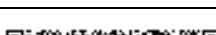
Date of Publication of Result: 26.08.2021

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Anindya Zohi Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) 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 of Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	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 HONOURS FINAL EXAMINATION 2021 UNDER CBCS
GRADE CARD**

Name: **RUPSA CHAKRABORTY**

Registration No. **201801044990** of **2018-19**Roll No. **180340600055**

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (GxV)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MICROBIOLOGY	CC-1	Introduction to Microbiology and Microbial Diversity	6	6	36	2018	6.00	6.18	Q
		CC-2	Bacteriology	6	6	36	2018			
	ZOOLOGY	GE-1	Animal Diversity	6	6	36	2018			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2018			
II	MICROBIOLOGY	CC-3	Biochemistry	6	6	36	2019	6.50	6.30	Q
		CC-4	Virology	7	6	42	2019			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	5	6	30	2019			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2019			
III	MICROBIOLOGY	CC-5	Microbial Physiology & Metabolism	6	6	36	2019	6.00	6.08	Q
		CC-6	Cell Biology	7	6	42	2019			
		CC-7	Molecular Biology	5	6	30	2019			
	ZOOLOGY	GE-3	Physiology and Biochemistry	6	6	36	2019			
	MICROBIOLOGY	SEC-1	Microbial Diagnosis in Health Clinics	7	2	14	2019			
IV	MICROBIOLOGY	CC-8	Microbial Genetics	8	6	48	2020	7.67	7.69	Q
		CC-9	Environmental Microbiology	8	6	48	2020			
		CC-10	Food and Dairy Microbiology	7	6	42	2020			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	8	6	48	2020			
	MICROBIOLOGY	SEC-2	Food Fermentation Techniques	7	2	14	2020			
V	MICROBIOLOGY	CC-11	Industrial Microbiology	8	6	48	2020	7.75	7.75	Q
		CC-12	Immunology	8	6	48	2020			
	MICROBIOLOGY	DSE-1	Microbes in Sustainable Agriculture and Development	8	6	48	2020			
		DSE-2	Instrumentation and Biotechniques	7	6	42	2020			
VI	MICROBIOLOGY	CC-13	Medical Microbiology	8	6	48	2021	8.00	8.00	Q
		CC-14	Recombinant DNA Technology	8	6	48	2021			
	MICROBIOLOGY	DSE-3	Advances in Microbiology	8	6	48	2021			
		DSE-4	Plant Pathology	8	6	48	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.17							Letter Grade in CGPA : A	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.03										

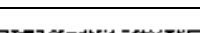
Date of Publication of Result: 26.08.2021

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

Anindya Zohi Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) 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 of Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	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 HONOURS FINAL EXAMINATION 2021 UNDER CBCS
GRADE CARD**

Name: **SABORNI BANERJEE**

Registration No. **201801044991** of **2018-19**Roll No. **180340600056**

B.Sc. Honours in Geography (CBCS)										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	GEOGRAPHY	CC-1	Geotectonics and Geomorphology	7	6	42	2018	6.50	6.18	Q
		CC-2	Cartographic Techniques and Geological map study	6	6	36	2018			
	ZOOLOGY	GE-1	Animal Diversity	5	6	30	2018			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2018			
II	GEOGRAPHY	CC-3	Human Geography	7	6	42	2019	7.50	7.20	Q
		CC-4	Cartograms, Survey and Thematic Mapping	8	6	48	2019			
	BOTANY	GE-2	Plant Ecology and Taxonomy	6	6	36	2019			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2019			
III	GEOGRAPHY	CC-5	Climatology	6	6	36	2019	7.00	6.85	Q
		CC-6	Statistical Methods in Geography	8	6	48	2019			
		CC-7	Geography of India	7	6	42	2019			
	ZOOLOGY	GE-3	Physiology and Biochemistry	6	6	36	2019			
	GEOGRAPHY	SEC-1	Computer Basics and Computer Applications	8	2	16	2019			
IV	GEOGRAPHY	CC-8	Regional Planning and Development	8	6	48	2020	8.00	8.00	Q
		CC-9	Economic Geography	8	6	48	2020			
		CC-10	Environmental Geography	8	6	48	2020			
	BOTANY	GE-4	Plant Physiology and Metabolism	8	6	48	2020			
	GEOGRAPHY	SEC-2	Field Work	8	2	16	2020			
V	GEOGRAPHY	CC-11	Research Methodology and Field Work	9	6	54	2020	8.00	8.00	Q
		CC-12	Remote Sensing and GIS	8	6	48	2020			
	GEOGRAPHY	DSE-1	Cultural and Settlement Geography	8	6	48	2020			
		DSE-2	Population Geography	7	6	42	2020			
VI	GEOGRAPHY	CC-13	Evolution of Geographical Thought	9	6	54	2021	8.50	8.50	Q
		CC-14	Disaster Management	8	6	48	2021			
	GEOGRAPHY	DSE-3	Resource Geography	8	6	48	2021			
		DSE-4	Soil and Bio Geography	9	6	54	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.72							Letter Grade in CGPA : A	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.48										

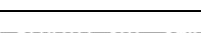
Date of Publication of Result: 26.08.2021

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

Anindya Zohi Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) 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 of Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	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 HONOURS FINAL EXAMINATION 2021 UNDER CBCS
GRADE CARD

Name: **SAGNIKI DEY**

Registration No. **201801044992** of **2018-19**Roll No. **180340600057**

B.Sc. Honours in Nutrition (CBCS)										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	NUTRITION	CC-1	Nutritional Physiology-I	5	6	30	2018	5.00	5.18	Q
		CC-2	Nutritional Aspect of Food Items	5	6	30	2018			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	5	6	30	2018			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2018			
II	NUTRITION	CC-3	Nutritional Physiology-II	6	6	36	2019	5.50	6.10	Q
		CC-4	Physiological Aspect of Nutrition	5	6	30	2019			
	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	6	6	36	2019			
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2019			
III	NUTRITION	CC-5	Nutritional Biochemistry	5	6	30	2019	6.67	6.23	Q
		CC-6	Nutrition: Life Cycle Approach	8	6	48	2019			
		CC-7	Diet Therapy - I	7	6	42	2019			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	5	6	30	2019			
	NUTRITION	SEC-1	Environment Management and Public Health	6	2	12	2019			
IV	NUTRITION	CC-8	Nutritional Assessment and Nutrition Programme	8	6	48	2020	8.00	8.00	Q
		CC-9	Community Nutrition and Epidemiology	8	6	48	2020			
		CC-10	Diet Therapy-II	8	6	48	2020			
	ZOOLOGY	GE-4	Genetics and Evolutionary Biology	8	6	48	2020			
	NUTRITION	SEC-2	Immunology, Toxicology and Public Health	8	2	16	2020			
V	NUTRITION	CC-11	Food Microbiology and Food Borne Disease	9	6	54	2020	8.75	8.75	Q
		CC-12	Medical Microbiology and Pathology	8	6	48	2020			
	NUTRITION	DSE-1	Therapeutic Nutrition and Critical Care	9	6	54	2020			
		DSE-2	Molecular Biology	9	6	54	2020			
VI	NUTRITION	CC-13	Nutraceutical and Functional Food	9	6	54	2021	9.00	9.00	Q
		CC-14	Food Safety and Food Standard	9	6	54	2021			
	NUTRITION	DSE-3	Concept of Research and Health Management	9	6	54	2021			
		DSE-4	Food Spoilage and Food Preservation	9	6	54	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.56							Letter Grade in CGPA : A		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.27										

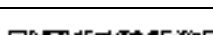
Date of Publication of Result: 26.08.2021

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Amindya Zohi Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) 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 of Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	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 HONOURS FINAL EXAMINATION 2021 UNDER CBCS
GRADE CARD

Name: SAHELI PAL

Registration No. 201801044993 of 2018-19

Roll No.180340600058

B.Sc. Honours in Microbiology (CBCS)										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MICROBIOLOGY	CC-1	Introduction to Microbiology and Microbial Diversity	7	6	42	2018	7.00	7.00	Q
		CC-2	Bacteriology	7	6	42	2018			
	ZOOLOGY	GE-1	Animal Diversity	7	6	42	2018			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2018			
II	MICROBIOLOGY	CC-3	Biochemistry	7	6	42	2019	7.00	6.80	Q
		CC-4	Virology	7	6	42	2019			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	6	6	36	2019			
	Communicative English/MIL	AECC-2	Communicative English	8	2	16	2019			
III	MICROBIOLOGY	CC-5	Microbial Physiology & Metabolism	6	6	36	2019	6.67	6.85	Q
		CC-6	Cell Biology	8	6	48	2019			
		CC-7	Molecular Biology	6	6	36	2019			
	ZOOLOGY	GE-3	Physiology and Biochemistry	7	6	42	2019			
	MICROBIOLOGY	SEC-1	Microbial Diagnosis in Health Clinics	8	2	16	2019			
IV	MICROBIOLOGY	CC-8	Microbial Genetics	8	6	48	2020	8.00	8.23	Q
		CC-9	Environmental Microbiology	8	6	48	2020			
		CC-10	Food and Dairy Microbiology	8	6	48	2020			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	9	6	54	2020			
	MICROBIOLOGY	SEC-2	Food Fermentation Techniques	8	2	16	2020			
V	MICROBIOLOGY	CC-11	Industrial Microbiology	8	6	48	2020	8.00	8.00	Q
		CC-12	Immunology	8	6	48	2020			
	MICROBIOLOGY	DSE-1	Microbes in Sustainable Agriculture and Development	8	6	48	2020			
		DSE-2	Instrumentation and Biotechniques	8	6	48	2020			
VI	MICROBIOLOGY	CC-13	Medical Microbiology	8	6	48	2021	8.00	8.00	Q
		CC-14	Recombinant DNA Technology	8	6	48	2021			
	MICROBIOLOGY	DSE-3	Advances in Microbiology	8	6	48	2021			
		DSE-4	Plant Pathology	8	6	48	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.56							Letter Grade in CGPA : A		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.51										

Date of Publication of Result: 26.08.2021


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

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

Anindya Zoti Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) 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 of Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	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 HONOURS FINAL EXAMINATION 2021 UNDER CBCS
GRADE CARD

Name: **SANHITA CHOWDHURY**

Registration No. **201801044994** of 2018-19

Roll No.180340600059

B.Sc. Honours in Chemistry (CBCS)										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	CHEMISTRY	CC-1	Organic Chemistry-I	8	6	48	2018	7.50	7.55	Q
		CC-2	Physical Chemistry-I	7	6	42	2018			
	MATHEMATICS	GE-1	Differential Calculus	8	6	48	2018			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2018			
II	CHEMISTRY	CC-3	Inorganic Chemistry-I	8	6	48	2019	8.00	7.90	Q
		CC-4	Organic Chemistry-II	8	6	48	2019			
	PHYSICS	GE-2	Electricity and Magnetism	7	6	42	2019			
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2019			
III	CHEMISTRY	CC-5	Physical Chemistry-II	7	6	42	2019	7.33	7.62	Q
		CC-6	Inorganic Chemistry-II	8	6	48	2019			
		CC-7	Organic Chemistry-III	7	6	42	2019			
	MATHEMATICS	GE-3	Real Analysis	8	6	48	2019			
	CHEMISTRY	SEC-1	Basic Analytical Chemistry	9	2	18	2019			
IV	CHEMISTRY	CC-8	Physical Chemistry-III	9	6	54	2020	8.67	8.46	Q
		CC-9	Inorganic Chemistry-III	9	6	54	2020			
		CC-10	Organic Chemistry - IV	8	6	48	2020			
	PHYSICS	GE-4	Waves and Optics	8	6	48	2020			
	CHEMISTRY	SEC-2	Pharmaceutical Chemistry	8	2	16	2020			
V	CHEMISTRY	CC-11	Inorganic Chemistry-IV	10	6	60	2020	10.00	10.00	Q
		CC-12	Organic Chemistry-V	10	6	60	2020			
	CHEMISTRY	DSE-1	Advanced Physical Chemistry	10	6	60	2020			
		DSE-2	Analytical Methods in Chemistry	10	6	60	2020			
VI	CHEMISTRY	CC-13	Inorganic Chemistry-V	10	6	60	2021	9.75	9.75	Q
		CC-14	Physical Chemistry-IV	9	6	54	2021			
	CHEMISTRY	DSE-3	Green Chemistry	10	6	60	2021			
		DSE-4	Dissertation Followed by Power Point Presentation	10	6	60	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.78							Letter Grade in CGPA : A+	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.56										

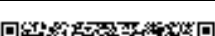
Date of Publication of Result: 26.08.2021

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

Anindya Zohi Pal

Controller of the Examinations

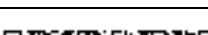
Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) 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 of Conversion Formula: $= (\text{SGPA or CGPA} \times 10) - 5.0$ *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	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)	

Roll No. **180340600060**

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) 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 of Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	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 HONOURS FINAL EXAMINATION 2021 UNDER CBCS
GRADE CARD

Name: SARBANI MISHRA

Registration No. 201801044996 of 2018-19

Roll No.180340600061

B.Sc. Honours in Zoology (CBCS)										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	ZOOLOGY	CC-1	Non-chordates I	4	6	24	2018	4.50	5.09	Q
		CC-2	Ecology	5	6	30	2018			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	5	6	30	2018			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2018			
II	ZOOLOGY	CC-3	Non-chordates II	5	6	30	2019	5.50	5.70	Q
		CC-4	Cell Biology	6	6	36	2019			
	BOTANY	GE-2	Plant Ecology and Taxonomy	6	6	36	2019			
	Communicative English/MIL	AECC-2	Communicative English	6	2	12	2019			
III	ZOOLOGY	CC-5	Chordates	5	6	30	2019	5.67	5.69	Q
		CC-6	Animal Physiology: Controlling and Coordinating Systems	7	6	42	2019			
		CC-7	Fundamentals of Biochemistry	5	6	30	2019			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	5	6	30	2019			
	ZOOLOGY	SEC-1	Apiculture	8	2	16	2019			
IV	ZOOLOGY	CC-8	Comparative Anatomy of Vertebrates	7	6	42	2020	6.67	7.08	Q
		CC-9	Animal Physiology: Life Sustaining Systems	6	6	36	2020			
		CC-10	Immunology	7	6	42	2020			
	BOTANY	GE-4	Plant Physiology and Metabolism	8	6	48	2020			
	ZOOLOGY	SEC-2	Medical Diagnostics	8	2	16	2020			
V	ZOOLOGY	CC-11	Molecular Biology	5	6	30	2020	7.00	7.00	Q
		CC-12	Genetics	9	6	54	2020			
	ZOOLOGY	DSE-1	Animal Biotechnology	6	6	36	2020			
		DSE-2	Parasitology	8	6	48	2020			
VI	ZOOLOGY	CC-13	Developmental Biology	8	6	48	2021	7.50	7.50	Q
		CC-14	Evolutionary Biology	6	6	36	2021			
	ZOOLOGY	DSE-3	Animal Behaviour	9	6	54	2021			
		DSE-4	Endocrinology	7	6	42	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 6.39							Letter Grade in CGPA : B+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 6.38										

Date of Publication of Result: 26.08.2021

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

Anindya Zoti Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) 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 of Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	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 HONOURS FINAL EXAMINATION 2021 UNDER CBCS
GRADE CARD**

Name: **SAYANIKA BARMAN**

Registration No. **201801044997** of **2018-19**Roll No. **180340600062**

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (GxV)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MICROBIOLOGY	CC-1	Introduction to Microbiology and Microbial Diversity	5	6	30	2018	5.00	5.55	Q
		CC-2	Bacteriology	5	6	30	2018			
	BOTANY	GE-1	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	5	6	30	2018			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2018			
II	MICROBIOLOGY	CC-3	Biochemistry	6	6	36	2019	6.00	6.50	Q
		CC-4	Virology	6	6	36	2019			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	7	6	42	2019			
	Communicative English/MIL	AECC-2	Bengali	8	2	16	2019			
III	MICROBIOLOGY	CC-5	Microbial Physiology & Metabolism	5	6	30	2019	5.33	5.46	Q
		CC-6	Cell Biology	6	6	36	2019			
		CC-7	Molecular Biology	5	6	30	2019			
	BOTANY	GE-3	Plant Anatomy and Embryology	6	6	36	2019			
	MICROBIOLOGY	SEC-1	Microbial Diagnosis in Health Clinics	5	2	10	2019			
IV	MICROBIOLOGY	CC-8	Microbial Genetics	7	6	42	2020	7.00	7.23	Q
		CC-9	Environmental Microbiology	7	6	42	2020			
		CC-10	Food and Dairy Microbiology	7	6	42	2020			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	8	6	48	2020			
	MICROBIOLOGY	SEC-2	Food Fermentation Techniques	7	2	14	2020			
V	MICROBIOLOGY	CC-11	Industrial Microbiology	7	6	42	2020	7.00	7.00	Q
		CC-12	Immunology	7	6	42	2020			
	MICROBIOLOGY	DSE-1	Microbes in Sustainable Agriculture and Development	7	6	42	2020			
		DSE-2	Instrumentation and Biotechniques	7	6	42	2020			
VI	MICROBIOLOGY	CC-13	Medical Microbiology	7	6	42	2021	7.00	7.00	Q
		CC-14	Recombinant DNA Technology	7	6	42	2021			
	MICROBIOLOGY	DSE-3	Advances in Microbiology	7	6	42	2021			
		DSE-4	Plant Pathology	7	6	42	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 6.39							Letter Grade in CGPA : B+	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 6.46										

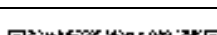
Date of Publication of Result: 26.08.2021

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

Anindya Zohi Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) 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 of Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	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 HONOURS FINAL EXAMINATION 2021 UNDER CBCS
GRADE CARD

Name: SHAHREEN AHMED

Registration No. 201801044999 of 2018-19

Roll No.180340600064

B.Sc. Honours in Nutrition (CBCS)										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	NUTRITION	CC-1	Nutritional Physiology-I	7	6	42	2018	8.00	7.55	Q
		CC-2	Nutritional Aspect of Food Items	9	6	54	2018			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	7	6	42	2018			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2018			
II	NUTRITION	CC-3	Nutritional Physiology-II	8	6	48	2019	8.50	8.40	Q
		CC-4	Physiological Aspect of Nutrition	9	6	54	2019			
	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	8	6	48	2019			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2019			
III	NUTRITION	CC-5	Nutritional Biochemistry	9	6	54	2019	9.00	8.77	Q
		CC-6	Nutrition: Life Cycle Approach	10	6	60	2019			
		CC-7	Diet Therapy - I	8	6	48	2019			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	8	6	48	2019			
	NUTRITION	SEC-1	Environment Management and Public Health	9	2	18	2019			
IV	NUTRITION	CC-8	Nutritional Assessment and Nutrition Programme	10	6	60	2020	10.00	10.00	Q
		CC-9	Community Nutrition and Epidemiology	10	6	60	2020			
		CC-10	Diet Therapy-II	10	6	60	2020			
	ZOOLOGY	GE-4	Genetics and Evolutionary Biology	10	6	60	2020			
	NUTRITION	SEC-2	Immunology, Toxicology and Public Health	10	2	20	2020			
V	NUTRITION	CC-11	Food Microbiology and Food Borne Disease	10	6	60	2020	10.00	10.00	Q
		CC-12	Medical Microbiology and Pathology	10	6	60	2020			
	NUTRITION	DSE-1	Therapeutic Nutrition and Critical Care	10	6	60	2020			
		DSE-2	Molecular Biology	10	6	60	2020			
VI	NUTRITION	CC-13	Nutraceutical and Functional Food	10	6	60	2021	10.00	10.00	Q
		CC-14	Food Safety and Food Standard	10	6	60	2021			
	NUTRITION	DSE-3	Concept of Research and Health Management	10	6	60	2021			
		DSE-4	Food Spoilage and Food Preservation	10	6	60	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 9.44							Letter Grade in CGPA : O		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 9.17										

Date of Publication of Result: 26.08.2021

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

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

Anindya Zoti Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) 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 of Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	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 HONOURS FINAL EXAMINATION 2021 UNDER CBCS
GRADE CARD**

Name: **SHRESTHA PAL**

Registration No. **201801045000** of 2018-19Roll No. **180340600065**

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MICROBIOLOGY	CC-1	Introduction to Microbiology and Microbial Diversity	7	6	42	2018	7.50	7.27	Q
		CC-2	Bacteriology	8	6	48	2018			
	ZOOLOGY	GE-1	Animal Diversity	7	6	42	2018			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2018			
II	MICROBIOLOGY	CC-3	Biochemistry	7	6	42	2019	7.50	7.40	Q
		CC-4	Virology	8	6	48	2019			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	7	6	42	2019			
	Communicative English/MIL	AECC-2	Communicative English	8	2	16	2019			
III	MICROBIOLOGY	CC-5	Microbial Physiology & Metabolism	7	6	42	2019	7.67	7.31	Q
		CC-6	Cell Biology	9	6	54	2019			
		CC-7	Molecular Biology	7	6	42	2019			
	ZOOLOGY	GE-3	Physiology and Biochemistry	6	6	36	2019			
	MICROBIOLOGY	SEC-1	Microbial Diagnosis in Health Clinics	8	2	16	2019			
IV	MICROBIOLOGY	CC-8	Microbial Genetics	9	6	54	2020	9.00	8.92	Q
		CC-9	Environmental Microbiology	9	6	54	2020			
		CC-10	Food and Dairy Microbiology	9	6	54	2020			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	9	6	54	2020			
	MICROBIOLOGY	SEC-2	Food Fermentation Techniques	8	2	16	2020			
V	MICROBIOLOGY	CC-11	Industrial Microbiology	8	6	48	2020	7.75	7.75	Q
		CC-12	Immunology	8	6	48	2020			
	MICROBIOLOGY	DSE-1	Microbes in Sustainable Agriculture and Development	8	6	48	2020			
		DSE-2	Instrumentation and Biotechniques	7	6	42	2020			
VI	MICROBIOLOGY	CC-13	Medical Microbiology	9	6	54	2021	8.75	8.75	Q
		CC-14	Recombinant DNA Technology	8	6	48	2021			
	MICROBIOLOGY	DSE-3	Advances in Microbiology	9	6	54	2021			
		DSE-4	Plant Pathology	9	6	54	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.11							Letter Grade in CGPA : A+	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.93										

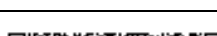
Date of Publication of Result: 26.08.2021

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

Anindya Zohi Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) 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 of Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	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 HONOURS FINAL EXAMINATION 2021 UNDER CBCS
GRADE CARD**

Name: **SHREYA GHOSH**

Registration No. **201801045001** of **2018-19**Roll No. **180340600066**

B.Sc. Honours in Mathematics (CBCS)										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (GxV)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	6	6	36	2020	7.50	6.73	Q
		CC-2	Algebra	9	6	54	2020			
	PHYSICS	GE-1	Mechanics	5	6	30	2018			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2018			
II	MATHEMATICS	CC-3	Real Analysis	6	6	36	2020	6.00	6.00	Q
		CC-4	Differential Equations and Vector Calculus	6	6	36	2020			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	5	6	30	2019			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2019			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	9	6	54	2020	5.67	5.69	Q
		CC-6	Group Theory I	4	6	24	2019			
		CC-7	Numerical Methods	4	6	24	2019			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	6	6	36	2019			
	MATHEMATICS	SEC-1	Logic and Sets	5	2	10	2019			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	6	6	36	2020	6.67	6.69	Q
		CC-9	Multivariate Calculus	7	6	42	2020			
		CC-10	Ring Theory and Linear Algebra I	7	6	42	2020			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2020			
	MATHEMATICS	SEC-2	Graph Theory	6	2	12	2020			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	10	6	60	2020	9.75	9.75	Q
		CC-12	Mechanics I	9	6	54	2020			
	MATHEMATICS	DSE-1	Linear Programming	10	6	60	2020			
		DSE-2	Probability & Statistics	10	6	60	2020			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	9	6	54	2021	9.50	9.50	Q
		CC-14	Ring Theory and Linear Algebra II	9	6	54	2021			
	MATHEMATICS	DSE-3	Project Work	10	6	60	2021			
		DSE-4	Mechanics II	10	6	60	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.83							Letter Grade in CGPA : A	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.41										

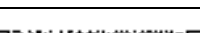
Date of Publication of Result: 26.08.2021

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

Anindya Zohi Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) 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 of Conversion Formula: $= (\text{SGPA or CGPA} \times 10) - 5.0$ *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	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 HONOURS FINAL EXAMINATION 2021 UNDER CBCS
GRADE CARD**

Name: **SHREYASHI PAUL**

Registration No. **201801045002** of 2018-19Roll No. **180340600067**

B.Sc. Honours in Zoology (CBCS)										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	ZOOLOGY	CC-1	Non-chordates I	5	6	30	2020	4.50	5.09	Q
		CC-2	Ecology	4	6	24	2018			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	5	6	30	2018			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2018			
II	ZOOLOGY	CC-3	Non-chordates II	5	6	30	2019	5.00	5.70	Q
		CC-4	Cell Biology	5	6	30	2019			
	BOTANY	GE-2	Plant Ecology and Taxonomy	6	6	36	2019			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2019			
III	ZOOLOGY	CC-5	Chordates	4	6	24	2019	4.67	4.69	Q
		CC-6	Animal Physiology: Controlling and Coordinating Systems	6	6	36	2019			
		CC-7	Fundamentals of Biochemistry	4	6	24	2019			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	4	6	24	2019			
	ZOOLOGY	SEC-1	Apiculture	7	2	14	2019			
IV	ZOOLOGY	CC-8	Comparative Anatomy of Vertebrates	6	6	36	2020	6.33	6.54	Q
		CC-9	Animal Physiology: Life Sustaining Systems	6	6	36	2020			
		CC-10	Immunology	7	6	42	2020			
	BOTANY	GE-4	Plant Physiology and Metabolism	7	6	42	2020			
	ZOOLOGY	SEC-2	Medical Diagnostics	7	2	14	2020			
V	ZOOLOGY	CC-11	Molecular Biology	6	6	36	2020	7.50	7.50	Q
		CC-12	Genetics	9	6	54	2020			
	ZOOLOGY	DSE-1	Animal Biotechnology	6	6	36	2020			
		DSE-2	Parasitology	9	6	54	2020			
VI	ZOOLOGY	CC-13	Developmental Biology	8	6	48	2021	8.25	8.25	Q
		CC-14	Evolutionary Biology	8	6	48	2021			
	ZOOLOGY	DSE-3	Animal Behaviour	9	6	54	2021			
		DSE-4	Endocrinology	8	6	48	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 6.39							Letter Grade in CGPA : B+	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 6.31										

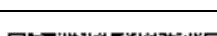
Date of Publication of Result: 26.08.2021

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

Anindya Zohi Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) 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 of Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	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 HONOURS FINAL EXAMINATION 2021 UNDER CBCS
GRADE CARD

Name: SIRIN AKTAR

Registration No. 201801045003 of 2018-19

Roll No.180340600068

B.Sc. Honours in Zoology (CBCS)										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	ZOOLOGY	CC-1	Non-chordates I	5	6	30	2020	4.50	4.91	Q
		CC-2	Ecology	4	6	24	2018			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	5	6	30	2018			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2018			
II	ZOOLOGY	CC-3	Non-chordates II	5	6	30	2019	5.50	5.50	Q
		CC-4	Cell Biology	6	6	36	2020			
	BOTANY	GE-2	Plant Ecology and Taxonomy	5	6	30	2019			
	Communicative English/MIL	AECC-2	Communicative English	7	2	14	2019			
III	ZOOLOGY	CC-5	Chordates	4	6	24	2019	4.33	4.92	Q
		CC-6	Animal Physiology: Controlling and Coordinating Systems	5	6	30	2019			
		CC-7	Fundamentals of Biochemistry	4	6	24	2019			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	6	6	36	2020			
	ZOOLOGY	SEC-1	Apiculture	7	2	14	2020			
IV	ZOOLOGY	CC-8	Comparative Anatomy of Vertebrates	5	6	30	2020	5.67	6.08	Q
		CC-9	Animal Physiology: Life Sustaining Systems	6	6	36	2020			
		CC-10	Immunology	6	6	36	2020			
	BOTANY	GE-4	Plant Physiology and Metabolism	7	6	42	2020			
	ZOOLOGY	SEC-2	Medical Diagnostics	7	2	14	2020			
V	ZOOLOGY	CC-11	Molecular Biology	5	6	30	2020	6.50	6.50	Q
		CC-12	Genetics	8	6	48	2020			
	ZOOLOGY	DSE-1	Animal Biotechnology	5	6	30	2020			
		DSE-2	Parasitology	8	6	48	2020			
VI	ZOOLOGY	CC-13	Developmental Biology	7	6	42	2021	7.00	7.00	Q
		CC-14	Evolutionary Biology	6	6	36	2021			
	ZOOLOGY	DSE-3	Wild life Conservation	9	6	54	2021			
		DSE-4	Endocrinology	6	6	36	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 5.78							Letter Grade in CGPA : B		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 5.83										

Date of Publication of Result: 26.08.2021

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

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

Anindya Zoti Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) 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 of Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	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 HONOURS FINAL EXAMINATION 2021 UNDER CBCS
GRADE CARD**

Name: **SNEHA DAKAL**

Registration No. **201801045004** of 2018-19

Roll No. **180340600069**

B.Sc. Honours in Mathematics (CBCS)										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (GxV)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	4	6	24	2019	6.00	5.91	Q
		CC-2	Algebra	8	6	48	2020			
	PHYSICS	GE-1	Mechanics	5	6	30	2018			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2018			
II	MATHEMATICS	CC-3	Real Analysis	6	6	36	2020	5.00	5.10	Q
		CC-4	Differential Equations and Vector Calculus	4	6	24	2019			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	4	6	24	2019			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2019			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	9	6	54	2020	7.33	6.62	Q
		CC-6	Group Theory I	9	6	54	2020			
		CC-7	Numerical Methods	4	6	24	2019			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	5	6	30	2019			
	MATHEMATICS	SEC-1	Logic and Sets	5	2	10	2019			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	5	6	30	2020	6.00	6.15	Q
		CC-9	Multivariate Calculus	6	6	36	2020			
		CC-10	Ring Theory and Linear Algebra I	7	6	42	2020			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2020			
	MATHEMATICS	SEC-2	Graph Theory	5	2	10	2020			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	10	6	60	2020	10.00	10.00	Q
		CC-12	Mechanics I	10	6	60	2020			
	MATHEMATICS	DSE-1	Linear Programming	10	6	60	2020			
		DSE-2	Probability & Statistics	10	6	60	2020			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2021	9.50	9.50	Q
		CC-14	Ring Theory and Linear Algebra II	10	6	60	2021			
	MATHEMATICS	DSE-3	Project Work	9	6	54	2021			
		DSE-4	Mechanics II	9	6	54	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.78							Letter Grade in CGPA : A		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.27										

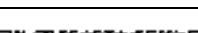
Date of Publication of Result: 26.08.2021

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

Amindya Zohi Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) 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 of Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	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 HONOURS FINAL EXAMINATION 2021 UNDER CBCS
GRADE CARD**

Name: **SNEHA GHOSAL**

Registration No. **201801045005** of **2018-19**

Roll No. **180340600070**

B.Sc. Honours in Microbiology (CBCS)										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (GxV)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MICROBIOLOGY	CC-1	Introduction to Microbiology and Microbial Diversity	7	6	42	2018	7.00	7.55	Q
		CC-2	Bacteriology	7	6	42	2018			
	ZOOLOGY	GE-1	Animal Diversity	9	6	54	2018			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2018			
II	MICROBIOLOGY	CC-3	Biochemistry	7	6	42	2019	6.50	6.60	Q
		CC-4	Virology	6	6	36	2019			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	6	6	36	2019			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2019			
III	MICROBIOLOGY	CC-5	Microbial Physiology & Metabolism	7	6	42	2019	7.00	7.15	Q
		CC-6	Cell Biology	8	6	48	2019			
		CC-7	Molecular Biology	6	6	36	2019			
	ZOOLOGY	GE-3	Physiology and Biochemistry	7	6	42	2019			
	MICROBIOLOGY	SEC-1	Microbial Diagnosis in Health Clinics	9	2	18	2019			
IV	MICROBIOLOGY	CC-8	Microbial Genetics	8	6	48	2020	8.00	8.23	Q
		CC-9	Environmental Microbiology	8	6	48	2020			
		CC-10	Food and Dairy Microbiology	8	6	48	2020			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	9	6	54	2020			
	MICROBIOLOGY	SEC-2	Food Fermentation Techniques	8	2	16	2020			
V	MICROBIOLOGY	CC-11	Industrial Microbiology	8	6	48	2020	7.50	7.50	Q
		CC-12	Immunology	7	6	42	2020			
	MICROBIOLOGY	DSE-1	Microbes in Sustainable Agriculture and Development	8	6	48	2020			
		DSE-2	Instrumentation and Biotechniques	7	6	42	2020			
VI	MICROBIOLOGY	CC-13	Medical Microbiology	8	6	48	2021	8.00	8.00	Q
		CC-14	Recombinant DNA Technology	8	6	48	2021			
	MICROBIOLOGY	DSE-3	Advances in Microbiology	8	6	48	2021			
		DSE-4	Plant Pathology	8	6	48	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.44							Letter Grade in CGPA : A		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.54										

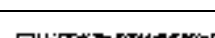
Date of Publication of Result: 26.08.2021

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

Arindya Zohi Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) 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 of Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	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 HONOURS FINAL EXAMINATION 2021 UNDER CBCS
GRADE CARD**

Name: **SNIGDHA SINGH**

Registration No. **201801045006** of 2018-19Roll No. **180340600071**

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	PHYSICS	CC-1	Mathematical Physics-I	7	6	42	2018	6.00	5.91	Q
		CC-2	Mechanics	5	6	30	2018			
	MATHEMATICS	GE-1	Differential Calculus	5	6	30	2018			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2018			
II	PHYSICS	CC-3	Electricity and Magnetism	7	6	42	2019	6.00	6.50	Q
		CC-4	Waves and Optics	5	6	30	2019			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	7	6	42	2019			
	Communicative English/MIL	AECC-2	Communicative English	8	2	16	2019			
III	PHYSICS	CC-5	Mathematical Physics-II	6	6	36	2019	5.67	6.15	Q
		CC-6	Thermal Physics	5	6	30	2019			
		CC-7	Digital Systems and Applications	6	6	36	2019			
	MATHEMATICS	GE-3	Real Analysis	7	6	42	2019			
	PHYSICS	SEC-1	Renewable Energy and Energy Harvesting	8	2	16	2019			
IV	PHYSICS	CC-8	Mathematical Physics-III	8	6	48	2020	8.00	8.00	Q
		CC-9	Elements of Modern Physics	8	6	48	2020			
		CC-10	Analog Systems & Applications	8	6	48	2020			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	8	6	48	2020			
	PHYSICS	SEC-2	Electrical Circuits and Network Skills	8	2	16	2020			
V	PHYSICS	CC-11	Quantum Mechanics and Applications	9	6	54	2020	9.50	9.50	Q
		CC-12	Solid State Physics	10	6	60	2020			
	PHYSICS	DSE-1	Advanced Mathematical Physics	10	6	60	2020			
		DSE-2	Classical Dynamics	9	6	54	2020			
VI	PHYSICS	CC-13	Electromagnetic Theory	9	6	54	2021	9.00	9.00	Q
		CC-14	Statistical Mechanics	9	6	54	2021			
	PHYSICS	DSE-3	Nuclear and Particle Physics	9	6	54	2021			
		DSE-4	Astronomy and Astrophysics	9	6	54	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.72							Letter Grade in CGPA : A	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.55										

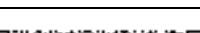
Date of Publication of Result: 26.08.2021

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

Anindya Zohi Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) 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 of Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	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 HONOURS FINAL EXAMINATION 2021 UNDER CBCS
GRADE CARD

Name: **SOHINI DHALI**

Registration No. **201801045007** of 2018-19Roll No. **180340600072**

B.Sc. Honours in Zoology (CBCS)										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (GxV)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	ZOOLOGY	CC-1	Non-chordates I	5	6	30	2018	6.50	6.73	Q
		CC-2	Ecology	8	6	48	2018			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	7	6	42	2018			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2018			
II	ZOOLOGY	CC-3	Non-chordates II	7	6	42	2019	7.00	7.20	Q
		CC-4	Cell Biology	7	6	42	2019			
	BOTANY	GE-2	Plant Ecology and Taxonomy	8	6	48	2019			
	Communicative English/MIL	AECC-2	Communicative English	6	2	12	2019			
III	ZOOLOGY	CC-5	Chordates	7	6	42	2019	6.67	6.62	Q
		CC-6	Animal Physiology: Controlling and Coordinating Systems	7	6	42	2019			
		CC-7	Fundamentals of Biochemistry	6	6	36	2019			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	6	6	36	2019			
	ZOOLOGY	SEC-1	Apiculture	8	2	16	2019			
IV	ZOOLOGY	CC-8	Comparative Anatomy of Vertebrates	8	6	48	2020	7.67	7.62	Q
		CC-9	Animal Physiology: Life Sustaining Systems	7	6	42	2020			
		CC-10	Immunology	8	6	48	2020			
	BOTANY	GE-4	Plant Physiology and Metabolism	7	6	42	2020			
	ZOOLOGY	SEC-2	Medical Diagnostics	9	2	18	2020			
V	ZOOLOGY	CC-11	Molecular Biology	7	6	42	2020	8.25	8.25	Q
		CC-12	Genetics	9	6	54	2020			
	ZOOLOGY	DSE-1	Animal Biotechnology	8	6	48	2020			
		DSE-2	Parasitology	9	6	54	2020			
VI	ZOOLOGY	CC-13	Developmental Biology	9	6	54	2021	9.00	9.00	Q
		CC-14	Evolutionary Biology	9	6	54	2021			
	ZOOLOGY	DSE-3	Wild life Conservation	9	6	54	2021			
		DSE-4	Endocrinology	9	6	54	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.72							Letter Grade in CGPA : A	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.58										


Date of Publication of Result: 26.08.2021

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

Anindya Zohi Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) 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 of Conversion Formula: $= (\text{SGPA or CGPA} \times 10) - 5.0$ *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	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 HONOURS FINAL EXAMINATION 2021 UNDER CBCS
GRADE CARD

Name: SOHINI NANDI

Registration No. 201801045008 of 2018-19

Roll No.180340600073

B.Sc. Honours in Microbiology (CBCS)										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MICROBIOLOGY	CC-1	Introduction to Microbiology and Microbial Diversity	8	6	48	2018	8.00	7.55	Q
		CC-2	Bacteriology	8	6	48	2018			
	ZOOLOGY	GE-1	Animal Diversity	7	6	42	2018			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2018			
II	MICROBIOLOGY	CC-3	Biochemistry	8	6	48	2019	8.50	7.90	Q
		CC-4	Virology	9	6	54	2019			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	7	6	42	2019			
	Communicative English/MIL	AECC-2	Communicative English	7	2	14	2019			
III	MICROBIOLOGY	CC-5	Microbial Physiology & Metabolism	7	6	42	2019	7.67	7.85	Q
		CC-6	Cell Biology	9	6	54	2019			
		CC-7	Molecular Biology	7	6	42	2019			
	ZOOLOGY	GE-3	Physiology and Biochemistry	8	6	48	2019			
	MICROBIOLOGY	SEC-1	Microbial Diagnosis in Health Clinics	9	2	18	2019			
IV	MICROBIOLOGY	CC-8	Microbial Genetics	9	6	54	2020	9.00	8.92	Q
		CC-9	Environmental Microbiology	9	6	54	2020			
		CC-10	Food and Dairy Microbiology	9	6	54	2020			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	9	6	54	2020			
	MICROBIOLOGY	SEC-2	Food Fermentation Techniques	8	2	16	2020			
V	MICROBIOLOGY	CC-11	Industrial Microbiology	8	6	48	2020	8.00	8.00	Q
		CC-12	Immunology	8	6	48	2020			
	MICROBIOLOGY	DSE-1	Microbes in Sustainable Agriculture and Development	8	6	48	2020			
		DSE-2	Instrumentation and Biotechniques	8	6	48	2020			
VI	MICROBIOLOGY	CC-13	Medical Microbiology	9	6	54	2021	9.00	9.00	Q
		CC-14	Recombinant DNA Technology	9	6	54	2021			
	MICROBIOLOGY	DSE-3	Advances in Microbiology	9	6	54	2021			
		DSE-4	Plant Pathology	9	6	54	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.39							Letter Grade in CGPA : A+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.23										

Date of Publication of Result: 26.08.2021

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

Anindya Zoti Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) 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 of Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	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 HONOURS FINAL EXAMINATION 2021 UNDER CBCS
GRADE CARD**

Name: **SOUMI GHOSH**

Registration No. **201801045009** of 2018-19Roll No. **180340600074**

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	ZOOLOGY	CC-1	Non-chordates I	4	6	24	2018	4.50	4.91	Q
		CC-2	Ecology	5	6	30	2018			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	5	6	30	2018			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2018			
II	ZOOLOGY	CC-3	Non-chordates II	4	6	24	2019	4.50	5.20	Q
		CC-4	Cell Biology	5	6	30	2019			
	BOTANY	GE-2	Plant Ecology and Taxonomy	6	6	36	2019			
	Communicative English/MIL	AECC-2	Communicative English	7	2	14	2019			
III	ZOOLOGY	CC-5	Chordates	5	6	30	2019	5.33	5.15	Q
		CC-6	Animal Physiology: Controlling and Coordinating Systems	7	6	42	2019			
		CC-7	Fundamentals of Biochemistry	4	6	24	2019			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	5	6	30	2019			
	ZOOLOGY	SEC-1	Apiculture	4	2	8	2019			
IV	ZOOLOGY	CC-8	Comparative Anatomy of Vertebrates	5	6	30	2020	6.00	6.31	Q
		CC-9	Animal Physiology: Life Sustaining Systems	6	6	36	2020			
		CC-10	Immunology	7	6	42	2020			
	BOTANY	GE-4	Plant Physiology and Metabolism	7	6	42	2020			
	ZOOLOGY	SEC-2	Medical Diagnostics	7	2	14	2020			
V	ZOOLOGY	CC-11	Molecular Biology	7	6	42	2020	8.25	8.25	Q
		CC-12	Genetics	9	6	54	2020			
	ZOOLOGY	DSE-1	Animal Biotechnology	8	6	48	2020			
		DSE-2	Parasitology	9	6	54	2020			
VI	ZOOLOGY	CC-13	Developmental Biology	9	6	54	2021	9.25	9.25	Q
		CC-14	Evolutionary Biology	9	6	54	2021			
	ZOOLOGY	DSE-3	Wild life Conservation	10	6	60	2021			
		DSE-4	Endocrinology	9	6	54	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 6.78							Letter Grade in CGPA : B+	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 6.55										

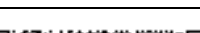
Date of Publication of Result: 26.08.2021

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

Anindya Zohi Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) 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 of Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	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 HONOURS FINAL EXAMINATION 2021 UNDER CBCS
GRADE CARD

Name: SOURIMI MAITI Registration No. 201801045010 of 2018-19 Roll No.180340600075

B.Sc. Honours in Microbiology (CBCS)										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MICROBIOLOGY	CC-1	Introduction to Microbiology and Microbial Diversity	7	6	42	2018	7.00	7.00	Q
		CC-2	Bacteriology	7	6	42	2018			
	ZOOLOGY	GE-1	Animal Diversity	7	6	42	2018			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2018			
II	MICROBIOLOGY	CC-3	Biochemistry	7	6	42	2019	7.50	7.10	Q
		CC-4	Virology	8	6	48	2019			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	6	6	36	2019			
	Communicative English/MIL	AECC-2	Communicative English	8	2	16	2019			
III	MICROBIOLOGY	CC-5	Microbial Physiology & Metabolism	7	6	42	2019	7.00	6.85	Q
		CC-6	Cell Biology	8	6	48	2019			
		CC-7	Molecular Biology	6	6	36	2019			
	ZOOLOGY	GE-3	Physiology and Biochemistry	6	6	36	2019			
	MICROBIOLOGY	SEC-1	Microbial Diagnosis in Health Clinics	8	2	16	2019			
IV	MICROBIOLOGY	CC-8	Microbial Genetics	8	6	48	2020	8.00	8.23	Q
		CC-9	Environmental Microbiology	8	6	48	2020			
		CC-10	Food and Dairy Microbiology	8	6	48	2020			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	9	6	54	2020			
	MICROBIOLOGY	SEC-2	Food Fermentation Techniques	8	2	16	2020			
V	MICROBIOLOGY	CC-11	Industrial Microbiology	8	6	48	2020	8.00	8.00	Q
		CC-12	Immunology	8	6	48	2020			
	MICROBIOLOGY	DSE-1	Microbes in Sustainable Agriculture and Development	8	6	48	2020			
		DSE-2	Instrumentation and Biotechniques	8	6	48	2020			
VI	MICROBIOLOGY	CC-13	Medical Microbiology	8	6	48	2021	8.75	8.75	Q
		CC-14	Recombinant DNA Technology	9	6	54	2021			
	MICROBIOLOGY	DSE-3	Advances in Microbiology	9	6	54	2021			
		DSE-4	Plant Pathology	9	6	54	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.83							Letter Grade in CGPA : A		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.68										

Date of Publication of Result: 26.08.2021

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

Anindya Zoti Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) 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 of Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	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 HONOURS FINAL EXAMINATION 2021 UNDER CBCS
GRADE CARD

Name: SRAMANA GHOSH

Registration No. 201801045011 of 2018-19

Roll No.180340600076

B.Sc. Honours in Microbiology (CBCS)										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MICROBIOLOGY	CC-1	Introduction to Microbiology and Microbial Diversity	7	6	42	2018	6.50	7.00	Q
		CC-2	Bacteriology	6	6	36	2018			
	ZOOLOGY	GE-1	Animal Diversity	8	6	48	2018			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2018			
II	MICROBIOLOGY	CC-3	Biochemistry	7	6	42	2019	6.50	7.00	Q
		CC-4	Virology	6	6	36	2019			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	7	6	42	2019			
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2019			
III	MICROBIOLOGY	CC-5	Microbial Physiology & Metabolism	6	6	36	2019	6.00	6.46	Q
		CC-6	Cell Biology	7	6	42	2019			
		CC-7	Molecular Biology	5	6	30	2019			
	ZOOLOGY	GE-3	Physiology and Biochemistry	7	6	42	2019			
	MICROBIOLOGY	SEC-1	Microbial Diagnosis in Health Clinics	9	2	18	2019			
IV	MICROBIOLOGY	CC-8	Microbial Genetics	8	6	48	2020	8.00	8.00	Q
		CC-9	Environmental Microbiology	8	6	48	2020			
		CC-10	Food and Dairy Microbiology	8	6	48	2020			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	8	6	48	2020			
	MICROBIOLOGY	SEC-2	Food Fermentation Techniques	8	2	16	2020			
V	MICROBIOLOGY	CC-11	Industrial Microbiology	8	6	48	2020	8.00	8.00	Q
		CC-12	Immunology	8	6	48	2020			
	MICROBIOLOGY	DSE-1	Microbes in Sustainable Agriculture and Development	8	6	48	2020			
		DSE-2	Instrumentation and Biotechniques	8	6	48	2020			
VI	MICROBIOLOGY	CC-13	Medical Microbiology	9	6	54	2021	8.50	8.50	Q
		CC-14	Recombinant DNA Technology	8	6	48	2021			
	MICROBIOLOGY	DSE-3	Advances in Microbiology	8	6	48	2021			
		DSE-4	Plant Pathology	9	6	54	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.44							Letter Grade in CGPA : A		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.51										

Date of Publication of Result: 26.08.2021


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

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

Anindya Zoti Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) 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 of Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	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 HONOURS FINAL EXAMINATION 2021 UNDER CBCS
GRADE CARD

Name: SRAYASHEE BANDYOPADHYA Registration No. 201801045012 of 2018-19 Roll No.180340600077

B.Sc. Honours in Nutrition (CBCS)										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	NUTRITION	CC-1	Nutritional Physiology-I	7	6	42	2018	7.50	6.73	Q
		CC-2	Nutritional Aspect of Food Items	8	6	48	2018			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	5	6	30	2018			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2018			
II	NUTRITION	CC-3	Nutritional Physiology-II	7	6	42	2019	7.50	7.80	Q
		CC-4	Physiological Aspect of Nutrition	8	6	48	2019			
	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	8	6	48	2019			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2019			
III	NUTRITION	CC-5	Nutritional Biochemistry	7	6	42	2019	7.67	7.31	Q
		CC-6	Nutrition: Life Cycle Approach	9	6	54	2019			
		CC-7	Diet Therapy - I	7	6	42	2019			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	6	6	36	2019			
	NUTRITION	SEC-1	Environment Management and Public Health	8	2	16	2019			
IV	NUTRITION	CC-8	Nutritional Assessment and Nutrition Programme	9	6	54	2020	8.67	8.54	Q
		CC-9	Community Nutrition and Epidemiology	8	6	48	2020			
		CC-10	Diet Therapy-II	9	6	54	2020			
	ZOOLOGY	GE-4	Genetics and Evolutionary Biology	8	6	48	2020			
	NUTRITION	SEC-2	Immunology, Toxicology and Public Health	9	2	18	2020			
V	NUTRITION	CC-11	Food Microbiology and Food Borne Disease	10	6	60	2020	10.00	10.00	Q
		CC-12	Medical Microbiology and Pathology	10	6	60	2020			
	NUTRITION	DSE-1	Therapeutic Nutrition and Critical Care	10	6	60	2020			
		DSE-2	Molecular Biology	10	6	60	2020			
VI	NUTRITION	CC-13	Nutraceutical and Functional Food	10	6	60	2021	9.75	9.75	Q
		CC-14	Food Safety and Food Standard	10	6	60	2021			
	NUTRITION	DSE-3	Concept of Research and Health Management	10	6	60	2021			
		DSE-4	Food Spoilage and Food Preservation	9	6	54	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.78							Letter Grade in CGPA : A+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.38										

Date of Publication of Result: 26.08.2021

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

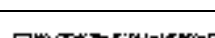
$$CGPA = \frac{\sum_{i=1}^n (V_i \times S_i)}{\sum_{i=1}^n V_i}$$

Anindya Zoti Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) 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 of Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	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)	

	Grade Point Norms				Percentage of Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	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 HONOURS FINAL EXAMINATION 2021 UNDER CBCS
GRADE CARD**

Name: **SUDIPTA KARMAKAR**

Registration No. **201801045016** of **2018-19**Roll No. **180340600080**

B.Sc. Honours in Nutrition (CBCS)										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	NUTRITION	CC-1	Nutritional Physiology-I	5	6	30	2018	6.50	6.45	Q
		CC-2	Nutritional Aspect of Food Items	8	6	48	2018			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	6	6	36	2018			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2018			
II	NUTRITION	CC-3	Nutritional Physiology-II	7	6	42	2019	7.00	7.60	Q
		CC-4	Physiological Aspect of Nutrition	7	6	42	2019			
	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	8	6	48	2019			
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2019			
III	NUTRITION	CC-5	Nutritional Biochemistry	7	6	42	2019	7.00	6.62	Q
		CC-6	Nutrition: Life Cycle Approach	7	6	42	2019			
		CC-7	Diet Therapy - I	7	6	42	2019			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	5	6	30	2019			
	NUTRITION	SEC-1	Environment Management and Public Health	8	2	16	2019			
IV	NUTRITION	CC-8	Nutritional Assessment and Nutrition Programme	9	6	54	2020	9.00	8.69	Q
		CC-9	Community Nutrition and Epidemiology	9	6	54	2020			
		CC-10	Diet Therapy-II	9	6	54	2020			
	ZOOLOGY	GE-4	Genetics and Evolutionary Biology	8	6	48	2020			
	NUTRITION	SEC-2	Immunology, Toxicology and Public Health	8	2	16	2020			
V	NUTRITION	CC-11	Food Microbiology and Food Borne Disease	10	6	60	2020	9.25	9.25	Q
		CC-12	Medical Microbiology and Pathology	9	6	54	2020			
	NUTRITION	DSE-1	Therapeutic Nutrition and Critical Care	9	6	54	2020			
		DSE-2	Molecular Biology	9	6	54	2020			
VI	NUTRITION	CC-13	Nutraceutical and Functional Food	10	6	60	2021	9.50	9.50	Q
		CC-14	Food Safety and Food Standard	9	6	54	2021			
	NUTRITION	DSE-3	Concept of Research and Health Management	10	6	60	2021			
		DSE-4	Food Spoilage and Food Preservation	9	6	54	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.33							Letter Grade in CGPA : A+	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.04										

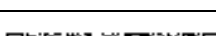
Date of Publication of Result: 26.08.2021

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

Anindya Zohi Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) 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 of Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	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 HONOURS FINAL EXAMINATION 2021 UNDER CBCS
GRADE CARD

Name: SWETA DEY

Registration No. 201801045018 of 2018-19

Roll No.180340600082

B.Sc. Honours in Nutrition (CBCS)										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	NUTRITION	CC-1	Nutritional Physiology-I	6	6	36	2018	6.50	6.55	Q
		CC-2	Nutritional Aspect of Food Items	7	6	42	2018			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	7	6	42	2018			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2018			
II	NUTRITION	CC-3	Nutritional Physiology-II	6	6	36	2019	7.00	7.30	Q
		CC-4	Physiological Aspect of Nutrition	8	6	48	2019			
	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	7	6	42	2019			
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2019			
III	NUTRITION	CC-5	Nutritional Biochemistry	6	6	36	2019	7.33	6.92	Q
		CC-6	Nutrition: Life Cycle Approach	8	6	48	2019			
		CC-7	Diet Therapy - I	8	6	48	2019			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	5	6	30	2019			
	NUTRITION	SEC-1	Environment Management and Public Health	9	2	18	2019			
IV	NUTRITION	CC-8	Nutritional Assessment and Nutrition Programme	9	6	54	2020	9.00	9.00	Q
		CC-9	Community Nutrition and Epidemiology	9	6	54	2020			
		CC-10	Diet Therapy-II	9	6	54	2020			
	ZOOLOGY	GE-4	Genetics and Evolutionary Biology	9	6	54	2020			
	NUTRITION	SEC-2	Immunology, Toxicology and Public Health	9	2	18	2020			
V	NUTRITION	CC-11	Food Microbiology and Food Borne Disease	10	6	60	2020	9.50	9.50	Q
		CC-12	Medical Microbiology and Pathology	9	6	54	2020			
	NUTRITION	DSE-1	Therapeutic Nutrition and Critical Care	9	6	54	2020			
		DSE-2	Molecular Biology	10	6	60	2020			
VI	NUTRITION	CC-13	Nutraceutical and Functional Food	10	6	60	2021	9.75	9.75	Q
		CC-14	Food Safety and Food Standard	10	6	60	2021			
	NUTRITION	DSE-3	Concept of Research and Health Management	10	6	60	2021			
		DSE-4	Food Spoilage and Food Preservation	9	6	54	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.50							Letter Grade in CGPA : A+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.21										

Date of Publication of Result: 26.08.2021

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

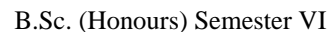
$$CGPA = \frac{\sum_{i=1}^n (V_i \times S_i)}{\sum_{i=1}^n V_i}$$


Anindya Zoti Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) 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 of Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	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)	



	Grade Point Norms				Percentage of Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	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 HONOURS FINAL EXAMINATION 2021 UNDER CBCS
GRADE CARD**

Name: **TANUSREE SADHUKHAN**

Registration No. **201801045020** of **2018-19**Roll No. **180340600084**

B.Sc. Honours in Nutrition (CBCS)										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	NUTRITION	CC-1	Nutritional Physiology-I	6	6	36	2018	6.50	6.36	Q
		CC-2	Nutritional Aspect of Food Items	7	6	42	2018			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	5	6	30	2018			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2018			
II	NUTRITION	CC-3	Nutritional Physiology-II	6	6	36	2019	6.50	6.40	Q
		CC-4	Physiological Aspect of Nutrition	7	6	42	2019			
	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	6	6	36	2019			
	Communicative English/MIL	AECC-2	Communicative English	7	2	14	2019			
III	NUTRITION	CC-5	Nutritional Biochemistry	7	6	42	2019	7.33	6.85	Q
		CC-6	Nutrition: Life Cycle Approach	8	6	48	2019			
		CC-7	Diet Therapy - I	7	6	42	2019			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	5	6	30	2019			
	NUTRITION	SEC-1	Environment Management and Public Health	8	2	16	2019			
IV	NUTRITION	CC-8	Nutritional Assessment and Nutrition Programme	8	6	48	2020	8.33	8.31	Q
		CC-9	Community Nutrition and Epidemiology	8	6	48	2020			
		CC-10	Diet Therapy-II	9	6	54	2020			
	ZOOLOGY	GE-4	Genetics and Evolutionary Biology	8	6	48	2020			
	NUTRITION	SEC-2	Immunology, Toxicology and Public Health	9	2	18	2020			
V	NUTRITION	CC-11	Food Microbiology and Food Borne Disease	10	6	60	2020	9.25	9.25	Q
		CC-12	Medical Microbiology and Pathology	9	6	54	2020			
	NUTRITION	DSE-1	Therapeutic Nutrition and Critical Care	9	6	54	2020			
		DSE-2	Molecular Biology	9	6	54	2020			
VI	NUTRITION	CC-13	Nutraceutical and Functional Food	10	6	60	2021	9.75	9.75	Q
		CC-14	Food Safety and Food Standard	10	6	60	2021			
	NUTRITION	DSE-3	Concept of Research and Health Management	10	6	60	2021			
		DSE-4	Food Spoilage and Food Preservation	9	6	54	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.28							Letter Grade in CGPA : A+	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.87										

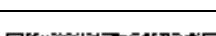
Date of Publication of Result: 26.08.2021

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

Anindya Zohi Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) 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 of Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	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 HONOURS FINAL EXAMINATION 2021 UNDER CBCS
GRADE CARD**

Name: **TANUSRI SAHA**

Registration No. **201801045021** of **2018-19**Roll No. **180340600085**

B.Sc. Honours in Mathematics (CBCS)										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (GxV)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	7	6	42	2018	6.50	6.73	Q
		CC-2	Algebra	6	6	36	2018			
	PHYSICS	GE-1	Mechanics	7	6	42	2018			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2018			
II	MATHEMATICS	CC-3	Real Analysis	6	6	36	2019	6.50	6.90	Q
		CC-4	Differential Equations and Vector Calculus	7	6	42	2019			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	8	6	48	2019			
	Communicative English/MIL	AECC-2	Communicative English	6	2	12	2019			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	8	6	48	2019	7.00	7.00	Q
		CC-6	Group Theory I	6	6	36	2019			
		CC-7	Numerical Methods	7	6	42	2019			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	7	6	42	2019			
	MATHEMATICS	SEC-1	Logic and Sets	7	2	14	2019			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	8	6	48	2020	8.33	8.23	Q
		CC-9	Multivariate Calculus	8	6	48	2020			
		CC-10	Ring Theory and Linear Algebra I	9	6	54	2020			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	8	6	48	2020			
	MATHEMATICS	SEC-2	Graph Theory	8	2	16	2020			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	10	6	60	2020	9.50	9.50	Q
		CC-12	Mechanics I	9	6	54	2020			
	MATHEMATICS	DSE-1	Linear Programming	9	6	54	2020			
		DSE-2	Probability & Statistics	10	6	60	2020			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2021	10.00	10.00	Q
		CC-14	Ring Theory and Linear Algebra II	10	6	60	2021			
	MATHEMATICS	DSE-3	Group Theory II	10	6	60	2021			
		DSE-4	Mechanics II	10	6	60	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.33							Letter Grade in CGPA : A+	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.10										

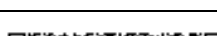
Date of Publication of Result: 26.08.2021

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

Anindya Zohi Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) 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 of Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	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 HONOURS FINAL EXAMINATION 2021 UNDER CBCS
GRADE CARD

Name: **TRISHA BHATTACHARYA** Registration No. **201801045022** of **2018-19** Roll No. **180340600086**

B.Sc. Honours in Nutrition (CBCS)										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	NUTRITION	CC-1	Nutritional Physiology-I	6	6	36	2018	7.00	6.18	Q
		CC-2	Nutritional Aspect of Food Items	8	6	48	2018			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	4	6	24	2018			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2018			
II	NUTRITION	CC-3	Nutritional Physiology-II	8	6	48	2019	8.50	8.50	Q
		CC-4	Physiological Aspect of Nutrition	9	6	54	2019			
	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	9	6	54	2019			
	Communicative English/MIL	AECC-2	Communicative English	7	2	14	2019			
III	NUTRITION	CC-5	Nutritional Biochemistry	7	6	42	2019	8.00	7.38	Q
		CC-6	Nutrition: Life Cycle Approach	9	6	54	2019			
		CC-7	Diet Therapy - I	8	6	48	2019			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	5	6	30	2019			
	NUTRITION	SEC-1	Environment Management and Public Health	9	2	18	2019			
IV	NUTRITION	CC-8	Nutritional Assessment and Nutrition Programme	9	6	54	2020	9.00	8.77	Q
		CC-9	Community Nutrition and Epidemiology	9	6	54	2020			
		CC-10	Diet Therapy-II	9	6	54	2020			
	ZOOLOGY	GE-4	Genetics and Evolutionary Biology	8	6	48	2020			
	NUTRITION	SEC-2	Immunology, Toxicology and Public Health	9	2	18	2020			
V	NUTRITION	CC-11	Food Microbiology and Food Borne Disease	10	6	60	2020	9.25	9.25	Q
		CC-12	Medical Microbiology and Pathology	9	6	54	2020			
	NUTRITION	DSE-1	Therapeutic Nutrition and Critical Care	9	6	54	2020			
		DSE-2	Molecular Biology	9	6	54	2020			
VI	NUTRITION	CC-13	Nutraceutical and Functional Food	9	6	54	2021	9.00	9.00	Q
		CC-14	Food Safety and Food Standard	9	6	54	2021			
	NUTRITION	DSE-3	Concept of Research and Health Management	9	6	54	2021			
		DSE-4	Food Spoilage and Food Preservation	9	6	54	2021			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.61							Letter Grade in CGPA : A+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.20										

Date of Publication of Result: 26.08.2021

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

Anindya Zoti Pal

Controller of the Examinations

Course Types	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) 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 of Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	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)	