



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

Name: ABHISHEK DAS

Honours: MATHEMATICS

Roll No. 170341200001

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	4	6	24	2017	5.00	5.91	Q
		CC-2	Algebra	6	6	36	2017			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	7	6	42	2017			
		ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28			
II	MATHEMATICS	CC-3	Real Analysis	7	6	42	2018	6.50	6.60	Q
		CC-4	Differential Equations and Vector Calculus	6	6	36	2018			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	6	6	36	2018			
		Communicative English/MIL	AECC-2	Bengali	9	2	18			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	7	6	42	2018	6.00	6.31	Q
		CC-6	Group Theory I	4	6	24	2018			
		CC-7	Numerical Methods	7	6	42	2018			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	7	6	42	2018			
	MATHEMATICS	SEC-1	Logic and Sets	7	2	14	2018			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	6	6	36	2019	SNC		
		CC-9	Multivariate Calculus	NA	6	NA				
		CC-10	Ring Theory and Linear Algebra I	5	6	30	2019			
	PHYSICS	GE-4	Waves and Optics	6	6	36	2019			
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2019			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	7	6	42	2019	6.25	6.25	Q
		CC-12	Mechanics I	6	6	36	2019			
	MATHEMATICS	DSE-1	Linear Programming	4	6	24	2019			
		DSE-2	Probability & Statistics	8	6	48	2019			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	9	6	54	2020	9.75	9.75	Q
		CC-14	Ring Theory and Linear Algebra II	10	6	60	2020			
	MATHEMATICS	DSE-3	Group Theory II	10	6	60	2020			
		DSE-4	Mechanics II	10	6	60	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs :							Letter Grade in CGPA :		Result : PNC	
CGPA (Cumulative Grade Point Average) on the basis of All Courses :										

Date of Publication of Result : 29.10.2020

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

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

Anindya Zyoti Pal
 Controller of Examinations

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

Grade Point Norms:

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

Percentage of Conversion Formula:

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

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



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

Name: ADITI BHANDARI

Honours: ZOOLOGY

Roll No. 170341200002

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	ZOOLOGY	CC-1	Non-chordates I	6	6	36	2017	6.50	7.00	Q
		CC-2	Ecology	7	6	42	2017			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	8	6	48	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
II	ZOOLOGY	CC-3	Non-chordates II	6	6	36	2018	6.00	6.60	Q
		CC-4	Cell Biology	6	6	36	2018			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	7	6	42	2018			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
III	ZOOLOGY	CC-5	Chordates	7	6	42	2018	7.00	7.23	Q
		CC-6	Animal Physiology: Controlling and Coordinating Systems	7	6	42	2018			
		CC-7	Fundamentals of Biochemistry	7	6	42	2018			
	BOTANY	GE-3	Plant Anatomy and Embryology	8	6	48	2018			
	ZOOLOGY	SEC-1	Apiculture	7	2	14	2018			
IV	ZOOLOGY	CC-8	Comparative Anatomy of Vertebrates	6	6	36	2019	6.00	6.92	Q
		CC-9	Animal Physiology: Life Sustaining Systems	6	6	36	2019			
		CC-10	Immunology	6	6	36	2019			
	BOTANY	GE-4	Plant Physiology and Metabolism	9	6	54	2019			
	ZOOLOGY	SEC-2	Medical Diagnostics	9	2	18	2019			
V	ZOOLOGY	CC-11	Molecular Biology	7	6	42	2019	7.75	7.75	Q
		CC-12	Genetics	8	6	48	2019			
	ZOOLOGY	DSE-1	Animal Biotechnology	8	6	48	2019			
		DSE-2	Parasitology	8	6	48	2019			
VI	ZOOLOGY	CC-13	Developmental Biology	9	6	54	2020	9.25	9.25	Q
		CC-14	Evolutionary Biology	10	6	60	2020			
	ZOOLOGY	DSE-3	Wild life Conservation	9	6	54	2020			
		DSE-4	Endocrinology	9	6	54	2020			
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 : 7.48										

Date of Publication of Result : 29.10.2020

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

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

Anindya Zyoti Pal
 Controller of Examinations

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

Grade Point Norms:

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

Percentage of Conversion Formula:

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

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



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

Name: ADITI GHORUI

Honours: MATHEMATICS

Roll No. 170341200003

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	6	6	36	2017	6.00	6.55	Q
		CC-2	Algebra	6	6	36	2017			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	8	6	48	2017			
		ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24			
II	MATHEMATICS	CC-3	Real Analysis	7	6	42	2018	6.00	6.50	Q
		CC-4	Differential Equations and Vector Calculus	5	6	30	2018			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	7	6	42	2018			
		Communicative English/MIL	AECC-2	Bengali	8	2	16			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	4	6	24	2018	5.33	6.15	Q
		CC-6	Group Theory I	5	6	30	2018			
		CC-7	Numerical Methods	7	6	42	2018			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	8	6	48	2018			
	MATHEMATICS	SEC-1	Logic and Sets	8	2	16	2018			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	6	6	36	2019	5.67	6.08	Q
		CC-9	Multivariate Calculus	4	6	24	2019			
		CC-10	Ring Theory and Linear Algebra I	7	6	42	2019			
	PHYSICS	GE-4	Waves and Optics	6	6	36	2019			
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2019			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	7	6	42	2019	6.00	6.00	Q
		CC-12	Mechanics I	6	6	36	2019			
	MATHEMATICS	DSE-1	Linear Programming	5	6	30	2019			
		DSE-2	Probability & Statistics	6	6	36	2019			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	9	6	54	2020	9.75	9.75	Q
		CC-14	Ring Theory and Linear Algebra II	10	6	60	2020			
	MATHEMATICS	DSE-3	Group Theory II	10	6	60	2020			
		DSE-4	Mechanics II	10	6	60	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 6.67							Letter Grade in CGPA : B+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 6.83										

Date of Publication of Result : 29.10.2020

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

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

Anindya Zyoti Pal
 Controller of Examinations

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

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

Percentage of Conversion Formula:

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

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

Name: ANIK SANTRA

Honours: BOTANY

Roll No. 170341200004

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	BOTANY	CC-1	Microbiology and Phycology	6	6	36	2017	5.50	5.73	Q
		CC-2	Archegoniatae	5	6	30	2017			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	6	6	36	2017			
		ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24			
II	BOTANY	CC-3	Mycology and Phytopathology	4	6	24	2018	4.50	4.80	Q
		CC-4	Morphology and Anatomy of Angiosperms	5	6	30	2018			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	4	6	24	2018			
		Communicative English/MIL	AECC-2	Bengali	9	2	18			
III	BOTANY	CC-5	Plant Ecology and Phytogeography	5	6	30	2018	5.67	6.08	Q
		CC-6	Plant Systematics	5	6	30	2018			
		CC-7	Economic Botany	7	6	42	2018			
	ZOOLOGY	GE-3	Physiology and Biochemistry	7	6	42	2018			
	BOTANY	SEC-1	Agricultural Botany	7	2	14	2018			
IV	BOTANY	CC-8	Palaeobotany & Palynology	7	6	42	2019	6.67	6.62	Q
		CC-9	Biomolecules and Cell Biology	7	6	42	2019			
		CC-10	Molecular Biology	6	6	36	2019			
	ZOOLOGY	GE-4	Genetics and Evolutionary Biology	6	6	36	2019			
	BOTANY	SEC-2	Biofertilizers	8	2	16	2019			
V	BOTANY	CC-11	Plant Physiology	7	6	42	2019	7.50	7.50	Q
		CC-12	Plant Metabolism	7	6	42	2019			
	BOTANY	DSE-1	Reproductive Biology of Angiosperms	8	6	48	2019			
		DSE-2	Biostatistics	8	6	48	2019			
VI	BOTANY	CC-13	Genetics & Plant Breeding	9	6	54	2020	9.00	9.00	Q
		CC-14	Plant Biotechnology	9	6	54	2020			
	BOTANY	DSE-3	Plant Evolution & Biodiversity	9	6	54	2020			
		DSE-4	Horticulture Practices & Post-Harvest Technology	9	6	54	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 6.83							Letter Grade in CGPA : B+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 6.68										

Date of Publication of Result : 29.10.2020

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Anindya Zyoti Pal
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
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DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or All semesters not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
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70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage of Conversion Formula:

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

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

Name: ANKANA BUDUK

Honours: MATHEMATICS

Roll No. 170341200005

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	4	6	24	2017	5.00	5.45	Q
		CC-2	Algebra	6	6	36	2017			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	6	6	36	2017			
		ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24			
II	MATHEMATICS	CC-3	Real Analysis	7	6	42	2018	6.00	6.60	Q
		CC-4	Differential Equations and Vector Calculus	5	6	30	2018			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	7	6	42	2018			
		Communicative English/MIL	AECC-2	Bengali	9	2	18			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	8	6	48	2018	6.67	7.00	Q
		CC-6	Group Theory I	5	6	30	2018			
		CC-7	Numerical Methods	7	6	42	2018			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	8	6	48	2018			
	MATHEMATICS	SEC-1	Logic and Sets	7	2	14	2018			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	6	6	36	2019	SNC		
		CC-9	Multivariate Calculus	NA	6	NA				
		CC-10	Ring Theory and Linear Algebra I	5	6	30	2019			
	PHYSICS	GE-4	Waves and Optics	6	6	36	2019			
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2019			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	6	6	36	2019	6.25	6.25	Q
		CC-12	Mechanics I	6	6	36	2019			
	MATHEMATICS	DSE-1	Linear Programming	4	6	24	2019			
		DSE-2	Probability & Statistics	9	6	54	2019			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	9	6	54	2020	9.75	9.75	Q
		CC-14	Ring Theory and Linear Algebra II	10	6	60	2020			
	MATHEMATICS	DSE-3	Group Theory II	10	6	60	2020			
		DSE-4	Mechanics II	10	6	60	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs :							Letter Grade in CGPA :		Result : PNC	
CGPA (Cumulative Grade Point Average) on the basis of All Courses :										

Date of Publication of Result : 29.10.2020

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

Anindya Jyoti Pal
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
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70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

Percentage of Conversion Formula:

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

Name: ARIJIT NATH

Honours: BOTANY

Roll No. 170341200006

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	BOTANY	CC-1	Microbiology and Phycology	5	6	30	2017	5.00	5.45	Q
		CC-2	Archegoniatae	5	6	30	2017			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	6	6	36	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017			
II	BOTANY	CC-3	Mycology and Phytopathology	4	6	24	2018	4.50	5.00	Q
		CC-4	Morphology and Anatomy of Angiosperms	5	6	30	2018			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	5	6	30	2018			
	Communicative English/MIL	AECC-2	Bengali	8	2	16	2018			
III	BOTANY	CC-5	Plant Ecology and Phytogeography	5	6	30	2018	5.67	5.77	Q
		CC-6	Plant Systematics	5	6	30	2018			
		CC-7	Economic Botany	7	6	42	2018			
	ZOOLOGY	GE-3	Physiology and Biochemistry	6	6	36	2018			
	BOTANY	SEC-1	Agricultural Botany	6	2	12	2018			
IV	BOTANY	CC-8	Palaeobotany & Palynology	7	6	42	2019	6.00	5.85	Q
		CC-9	Biomolecules and Cell Biology	6	6	36	2019			
		CC-10	Molecular Biology	5	6	30	2019			
	ZOOLOGY	GE-4	Genetics and Evolutionary Biology	5	6	30	2019			
	BOTANY	SEC-2	Biofertilizers	7	2	14	2019			
V	BOTANY	CC-11	Plant Physiology	7	6	42	2019	6.25	6.25	Q
		CC-12	Plant Metabolism	5	6	30	2019			
	BOTANY	DSE-1	Reproductive Biology of Angiosperms	6	6	36	2019			
		DSE-2	Biostatistics	7	6	42	2019			
VI	BOTANY	CC-13	Genetics & Plant Breeding	9	6	54	2020	9.00	9.00	Q
		CC-14	Plant Biotechnology	9	6	54	2020			
	BOTANY	DSE-3	Plant Evolution & Biodiversity	9	6	54	2020			
		DSE-4	Horticulture Practices & Post-Harvest Technology	9	6	54	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 6.39							Letter Grade in CGPA : B+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 6.25										

Date of Publication of Result : 29.10.2020

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

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Anindya Zyoti Pal
 Controller of Examinations

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

Grade Point Norms:

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

Percentage of Conversion Formula:

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

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



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

Name: BARNALI KOLEY

Honours: CHEMISTRY

Roll No. 170341200007

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	CHEMISTRY	CC-1	Organic Chemistry-I	6	6	36	2017	6.00	5.73	Q
		CC-2	Physical Chemistry-I	6	6	36	2017			
	PHYSICS	GE-1	Mechanics	5	6	30	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017			
II	CHEMISTRY	CC-3	Inorganic Chemistry-I	6	6	36	2018	6.00	6.70	Q
		CC-4	Organic Chemistry-II	6	6	36	2018			
	PHYSICS	GE-2	Electricity and Magnetism	8	6	48	2018			
	Communicative English/MIL	AECC-2	Bengali	7	2	14	2018			
III	CHEMISTRY	CC-5	Physical Chemistry-II	7	6	42	2018	7.67	6.85	Q
		CC-6	Inorganic Chemistry-II	8	6	48	2018			
		CC-7	Organic Chemistry-III	8	6	48	2018			
	MATHEMATICS	GE-3	Real Analysis	4	6	24	2018			
	CHEMISTRY	SEC-1	Basic Analytical Chemistry	8	2	16	2018			
IV	CHEMISTRY	CC-8	Physical Chemistry-III	6	6	36	2019	6.00	6.15	Q
		CC-9	Inorganic Chemistry-III	7	6	42	2019			
		CC-10	Organic Chemistry - IV	5	6	30	2019			
	MATHEMATICS	GE-4	Algebra	6	6	36	2019			
	CHEMISTRY	SEC-2	Pharmaceutical Chemistry	8	2	16	2019			
V	CHEMISTRY	CC-11	Inorganic Chemistry-IV	7	6	42	2019	7.75	7.75	Q
		CC-12	Organic Chemistry-V	6	6	36	2019			
	CHEMISTRY	DSE-1	Advanced Physical Chemistry	9	6	54	2019			
		DSE-2	Analytical Methods in Chemistry	9	6	54	2019			
VI	CHEMISTRY	CC-13	Inorganic Chemistry-V	9	6	54	2020	9.00	9.00	Q
		CC-14	Physical Chemistry-IV	9	6	54	2020			
	CHEMISTRY	DSE-3	Green Chemistry	9	6	54	2020			
		DSE-4	Inorganic Materials of Industrial Importance	9	6	54	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.33							Letter Grade in CGPA : A		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.04										

Date of Publication of Result : 29.10.2020

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

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

Anindya Zyoti Pal
 Controller of Examinations

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

Grade Point Norms:

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

Percentage of Conversion Formula:

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

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



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

Name: BHASKAR GANGULY

Honours: MATHEMATICS

Roll No. 170341200008

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	5	6	30	2017	5.00	5.45	Q
		CC-2	Algebra	5	6	30	2017			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	6	6	36	2017			
		ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24			
II	MATHEMATICS	CC-3	Real Analysis	7	6	42	2018	6.00	6.00	Q
		CC-4	Differential Equations and Vector Calculus	5	6	30	2018			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	5	6	30	2018			
		Communicative English/MIL	AECC-2	Bengali	9	2	18			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	8	6	48	2018	6.33	6.46	Q
		CC-6	Group Theory I	5	6	30	2018			
		CC-7	Numerical Methods	6	6	36	2018			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	7	6	42	2018			
	MATHEMATICS	SEC-1	Logic and Sets	6	2	12	2018			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	6	6	36	2019	5.67	6.23	Q
		CC-9	Multivariate Calculus	4	6	24	2019			
		CC-10	Ring Theory and Linear Algebra I	7	6	42	2019			
	PHYSICS	GE-4	Waves and Optics	7	6	42	2019			
	MATHEMATICS	SEC-2	Graph Theory	9	2	18	2019			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	8	6	48	2019	6.25	6.25	Q
		CC-12	Mechanics I	6	6	36	2019			
	MATHEMATICS	DSE-1	Linear Programming	5	6	30	2019			
		DSE-2	Probability & Statistics	6	6	36	2019			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	9	6	54	2020	9.75	9.75	Q
		CC-14	Ring Theory and Linear Algebra II	10	6	60	2020			
	MATHEMATICS	DSE-3	Group Theory II	10	6	60	2020			
		DSE-4	Mechanics II	10	6	60	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 6.78							Letter Grade in CGPA : B+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 6.72										

Date of Publication of Result : 29.10.2020

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

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

Anindya Jyoti Pal
 Controller of Examinations

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

Grade Point Norms:

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

Percentage of Conversion Formula:

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

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



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

Name: BISWAJIT BAG

Honours: BOTANY

Roll No. 170341200009

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	BOTANY	CC-1	Microbiology and Phycology	5	6	30	2017	5.50	6.00	Q
		CC-2	Archegoniatae	6	6	36	2017			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	7	6	42	2017			
		ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24			
II	BOTANY	CC-3	Mycology and Phytopathology	4	6	24	2018	4.50	5.20	Q
		CC-4	Morphology and Anatomy of Angiosperms	5	6	30	2018			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	5	6	30	2018			
		Communicative English/MIL	AECC-2	Bengali	10	2	20			
III	BOTANY	CC-5	Plant Ecology and Phytogeography	6	6	36	2018	6.33	6.62	Q
		CC-6	Plant Systematics	6	6	36	2018			
		CC-7	Economic Botany	7	6	42	2018			
	ZOOLOGY	GE-3	Physiology and Biochemistry	7	6	42	2018			
	BOTANY	SEC-1	Agricultural Botany	8	2	16	2018			
IV	BOTANY	CC-8	Palaeobotany & Palynology	8	6	48	2019	7.00	6.85	Q
		CC-9	Biomolecules and Cell Biology	7	6	42	2019			
		CC-10	Molecular Biology	6	6	36	2019			
	ZOOLOGY	GE-4	Genetics and Evolutionary Biology	6	6	36	2019			
	BOTANY	SEC-2	Biofertilizers	8	2	16	2019			
V	BOTANY	CC-11	Plant Physiology	7	6	42	2019	7.50	7.50	Q
		CC-12	Plant Metabolism	8	6	48	2019			
	BOTANY	DSE-1	Reproductive Biology of Angiosperms	8	6	48	2019			
		DSE-2	Biostatistics	7	6	42	2019			
VI	BOTANY	CC-13	Genetics & Plant Breeding	9	6	54	2020	9.25	9.25	Q
		CC-14	Plant Biotechnology	10	6	60	2020			
	BOTANY	DSE-3	Plant Evolution & Biodiversity	9	6	54	2020			
		DSE-4	Horticulture Practices & Post-Harvest Technology	9	6	54	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.06							Letter Grade in CGPA : A		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 6.96										

Date of Publication of Result : 29.10.2020

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

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

Anindya Zyoti Pal
 Controller of Examinations

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

Grade Point Norms:

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

Percentage of Conversion Formula:

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

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



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

Name: DONA BISWAS

Honours: BOTANY

Roll No. 170341200010

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	BOTANY	CC-1	Microbiology and Phycology	6	6	36	2017	6.00	6.27	Q
		CC-2	Archegoniatae	6	6	36	2017			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	7	6	42	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017			
II	BOTANY	CC-3	Mycology and Phytopathology	5	6	30	2018	5.50	5.70	Q
		CC-4	Morphology and Anatomy of Angiosperms	6	6	36	2018			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	5	6	30	2018			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
III	BOTANY	CC-5	Plant Ecology and Phytogeography	6	6	36	2018	6.33	6.46	Q
		CC-6	Plant Systematics	6	6	36	2018			
		CC-7	Economic Botany	7	6	42	2018			
	ZOOLOGY	GE-3	Physiology and Biochemistry	7	6	42	2018			
	BOTANY	SEC-1	Agricultural Botany	6	2	12	2018			
IV	BOTANY	CC-8	Palaeobotany & Palynology	8	6	48	2019	6.67	6.62	Q
		CC-9	Biomolecules and Cell Biology	7	6	42	2019			
		CC-10	Molecular Biology	5	6	30	2019			
	ZOOLOGY	GE-4	Genetics and Evolutionary Biology	6	6	36	2019			
	BOTANY	SEC-2	Biofertilizers	8	2	16	2019			
V	BOTANY	CC-11	Plant Physiology	7	6	42	2019	7.25	7.25	Q
		CC-12	Plant Metabolism	7	6	42	2019			
	BOTANY	DSE-1	Reproductive Biology of Angiosperms	7	6	42	2019			
		DSE-2	Biostatistics	8	6	48	2019			
VI	BOTANY	CC-13	Genetics & Plant Breeding	9	6	54	2020	9.50	9.50	Q
		CC-14	Plant Biotechnology	10	6	60	2020			
	BOTANY	DSE-3	Plant Evolution & Biodiversity	10	6	60	2020			
		DSE-4	Horticulture Practices & Post-Harvest Technology	9	6	54	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.17							Letter Grade in CGPA : A		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.00										

Date of Publication of Result : 29.10.2020

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

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

Anindya Zyoti Pal
 Controller of Examinations

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

Grade Point Norms:

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

Percentage of Conversion Formula:

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

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



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

Name: JEMIMA YESMIN

Honours: BOTANY

Roll No. 170341200011

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	BOTANY	CC-1	Microbiology and Phycology	7	6	42	2017	7.00	6.55	Q
		CC-2	Archegoniatae	7	6	42	2017			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	6	6	36	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017			
II	BOTANY	CC-3	Mycology and Phytopathology	6	6	36	2018	6.50	6.40	Q
		CC-4	Morphology and Anatomy of Angiosperms	7	6	42	2018			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	6	6	36	2018			
	Communicative English/MIL	AECC-2	Bengali	7	2	14	2018			
III	BOTANY	CC-5	Plant Ecology and Phytogeography	8	6	48	2018	8.00	8.15	Q
		CC-6	Plant Systematics	8	6	48	2018			
		CC-7	Economic Botany	8	6	48	2018			
	ZOOLOGY	GE-3	Physiology and Biochemistry	8	6	48	2018			
	BOTANY	SEC-1	Agricultural Botany	10	2	20	2018			
IV	BOTANY	CC-8	Palaeobotany & Palynology	8	6	48	2019	8.00	7.85	Q
		CC-9	Biomolecules and Cell Biology	8	6	48	2019			
		CC-10	Molecular Biology	8	6	48	2019			
	ZOOLOGY	GE-4	Genetics and Evolutionary Biology	7	6	42	2019			
	BOTANY	SEC-2	Biofertilizers	9	2	18	2019			
V	BOTANY	CC-11	Plant Physiology	9	6	54	2019	8.75	8.75	Q
		CC-12	Plant Metabolism	9	6	54	2019			
	BOTANY	DSE-1	Reproductive Biology of Angiosperms	8	6	48	2019			
		DSE-2	Biostatistics	9	6	54	2019			
VI	BOTANY	CC-13	Genetics & Plant Breeding	10	6	60	2020	10.00	10.00	Q
		CC-14	Plant Biotechnology	10	6	60	2020			
	BOTANY	DSE-3	Plant Evolution & Biodiversity	10	6	60	2020			
		DSE-4	Horticulture Practices & Post-Harvest Technology	10	6	60	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.33							Letter Grade in CGPA : A+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.01										

Date of Publication of Result : 29.10.2020

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

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

Anindya Zyoti Pal
 Controller of Examinations

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

Grade Point Norms:

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

Percentage of Conversion Formula:

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

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



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

Name: KAUSHIK DAS

Honours: MATHEMATICS

Roll No. 170341200012

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	6	6	36	2017	6.50	6.82	Q
		CC-2	Algebra	7	6	42	2017			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	8	6	48	2017			
		ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24			
II	MATHEMATICS	CC-3	Real Analysis	7	6	42	2018	6.50	6.90	Q
		CC-4	Differential Equations and Vector Calculus	6	6	36	2018			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	7	6	42	2018			
		Communicative English/MIL	AECC-2	Bengali	9	2	18			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	4	6	24	2018	5.00	5.77	Q
		CC-6	Group Theory I	5	6	30	2018			
		CC-7	Numerical Methods	6	6	36	2018			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	8	6	48	2018			
	MATHEMATICS	SEC-1	Logic and Sets	6	2	12	2018			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	7	6	42	2019	SNC		
		CC-9	Multivariate Calculus	NA	6	NA				
		CC-10	Ring Theory and Linear Algebra I	6	6	36	2019			
	PHYSICS	GE-4	Waves and Optics	7	6	42	2019			
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2019			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	7	6	42	2019	6.75	6.75	Q
		CC-12	Mechanics I	7	6	42	2019			
	MATHEMATICS	DSE-1	Linear Programming	5	6	30	2019			
		DSE-2	Probability & Statistics	8	6	48	2019			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	9	6	54	2020	9.75	9.75	Q
		CC-14	Ring Theory and Linear Algebra II	10	6	60	2020			
	MATHEMATICS	DSE-3	Group Theory II	10	6	60	2020			
		DSE-4	Mechanics II	10	6	60	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs :							Letter Grade in CGPA :		Result : PNC	
CGPA (Cumulative Grade Point Average) on the basis of All Courses :										

Date of Publication of Result : 29.10.2020

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

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

Anindya Jyoti Pal
 Controller of Examinations

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

Grade Point Norms:

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

Percentage of Conversion Formula:

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

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



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

Name: LABANI DAS

Honours: MATHEMATICS

Roll No. 170341200013

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	7	6	42	2017	7.50	7.09	Q
		CC-2	Algebra	8	6	48	2017			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	7	6	42	2017			
		ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24			
II	MATHEMATICS	CC-3	Real Analysis	7	6	42	2018	6.50	6.60	Q
		CC-4	Differential Equations and Vector Calculus	6	6	36	2018			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	6	6	36	2018			
		Communicative English/MIL	AECC-2	Bengali	9	2	18			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	4	6	24	2018	6.00	6.77	Q
		CC-6	Group Theory I	7	6	42	2018			
		CC-7	Numerical Methods	7	6	42	2018			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	9	6	54	2018			
	MATHEMATICS	SEC-1	Logic and Sets	7	2	14	2018			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	7	6	42	2019	6.00	6.54	Q
		CC-9	Multivariate Calculus	4	6	24	2019			
		CC-10	Ring Theory and Linear Algebra I	7	6	42	2019			
	PHYSICS	GE-4	Waves and Optics	7	6	42	2019			
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2019			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	8	6	48	2019	6.75	6.75	Q
		CC-12	Mechanics I	7	6	42	2019			
	MATHEMATICS	DSE-1	Linear Programming	5	6	30	2019			
		DSE-2	Probability & Statistics	7	6	42	2019			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	9	6	54	2020	9.75	9.75	Q
		CC-14	Ring Theory and Linear Algebra II	10	6	60	2020			
	MATHEMATICS	DSE-3	Group Theory II	10	6	60	2020			
		DSE-4	Mechanics II	10	6	60	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.22							Letter Grade in CGPA : A		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.25										

Date of Publication of Result : 29.10.2020

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

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

Anindya Jyoti Pal
 Controller of Examinations

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

Grade Point Norms:

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

Percentage of Conversion Formula:

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

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



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

Name: LABANYA DHAWA

Honours: MATHEMATICS

Roll No. 170341200014

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	7	6	42	2017	7.00	6.82	Q
		CC-2	Algebra	7	6	42	2017			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	7	6	42	2017			
		ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24			
II	MATHEMATICS	CC-3	Real Analysis	7	6	42	2018	6.50	7.20	Q
		CC-4	Differential Equations and Vector Calculus	6	6	36	2018			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	8	6	48	2018			
		Communicative English/MIL	AECC-2	Bengali	9	2	18			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	4	6	24	2018	6.00	6.77	Q
		CC-6	Group Theory I	7	6	42	2018			
		CC-7	Numerical Methods	7	6	42	2018			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	9	6	54	2018			
	MATHEMATICS	SEC-1	Logic and Sets	7	2	14	2018			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	8	6	48	2019	SNC		
		CC-9	Multivariate Calculus	NA	6	NA				
		CC-10	Ring Theory and Linear Algebra I	6	6	36	2019			
	PHYSICS	GE-4	Waves and Optics	7	6	42	2019			
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2019			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	6	6	36	2019	5.75	5.75	Q
		CC-12	Mechanics I	6	6	36	2019			
	MATHEMATICS	DSE-1	Linear Programming	5	6	30	2019			
		DSE-2	Probability & Statistics	6	6	36	2019			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	9	6	54	2020	9.75	9.75	Q
		CC-14	Ring Theory and Linear Algebra II	10	6	60	2020			
	MATHEMATICS	DSE-3	Group Theory II	10	6	60	2020			
		DSE-4	Mechanics II	10	6	60	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs :							Letter Grade in CGPA :		Result : PNC	
CGPA (Cumulative Grade Point Average) on the basis of All Courses :										

Date of Publication of Result : 29.10.2020

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

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

Anindya Jyoti Pal
 Controller of Examinations

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

Grade Point Norms:

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

Percentage of Conversion Formula:

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

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



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

Name: MOU BORA

Honours: ZOOLOGY

Roll No. 170341200015

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	ZOOLOGY	CC-1	Non-chordates I	6	6	36	2017	6.00	6.27	Q
		CC-2	Ecology	6	6	36	2017			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	7	6	42	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017			
II	ZOOLOGY	CC-3	Non-chordates II	7	6	42	2018	6.00	6.00	Q
		CC-4	Cell Biology	5	6	30	2018			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	5	6	30	2018			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
III	ZOOLOGY	CC-5	Chordates	7	6	42	2018	6.67	6.69	Q
		CC-6	Animal Physiology: Controlling and Coordinating Systems	8	6	48	2018			
		CC-7	Fundamentals of Biochemistry	5	6	30	2018			
	BOTANY	GE-3	Plant Anatomy and Embryology	7	6	42	2018			
	ZOOLOGY	SEC-1	Apiculture	6	2	12	2018			
IV	ZOOLOGY	CC-8	Comparative Anatomy of Vertebrates	7	6	42	2019	6.00	6.62	Q
		CC-9	Animal Physiology: Life Sustaining Systems	6	6	36	2019			
		CC-10	Immunology	5	6	30	2019			
	BOTANY	GE-4	Plant Physiology and Metabolism	8	6	48	2019			
	ZOOLOGY	SEC-2	Medical Diagnostics	8	2	16	2019			
V	ZOOLOGY	CC-11	Molecular Biology	7	6	42	2019	7.00	7.00	Q
		CC-12	Genetics	6	6	36	2019			
	ZOOLOGY	DSE-1	Animal Biotechnology	7	6	42	2019			
		DSE-2	Parasitology	8	6	48	2019			
VI	ZOOLOGY	CC-13	Developmental Biology	9	6	54	2020	8.50	8.50	Q
		CC-14	Evolutionary Biology	8	6	48	2020			
	ZOOLOGY	DSE-3	Wild life Conservation	9	6	54	2020			
		DSE-4	Endocrinology	8	6	48	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 6.89							Letter Grade in CGPA : B+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 6.87										

Date of Publication of Result : 29.10.2020

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

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

Anindya Zyoti Pal
 Controller of Examinations

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

Grade Point Norms:

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

Percentage of Conversion Formula:

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

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



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

Name: **MOULY GANGULY**Honours: **MATHEMATICS**Roll No. **170341200016**

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	6	6	36	2017	6.00	6.27	Q
		CC-2	Algebra	6	6	36	2017			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	7	6	42	2017			
		ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24			
II	MATHEMATICS	CC-3	Real Analysis	8	6	48	2018	7.50	7.40	Q
		CC-4	Differential Equations and Vector Calculus	7	6	42	2018			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	7	6	42	2018			
		Communicative English/MIL	AECC-2	Bengali	8	2	16			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	4	6	24	2018	6.00	6.62	Q
		CC-6	Group Theory I	7	6	42	2018			
		CC-7	Numerical Methods	7	6	42	2018			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	8	6	48	2018			
	MATHEMATICS	SEC-1	Logic and Sets	8	2	16	2018			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	7	6	42	2019	6.33	6.69	Q
		CC-9	Multivariate Calculus	4	6	24	2019			
		CC-10	Ring Theory and Linear Algebra I	8	6	48	2019			
	PHYSICS	GE-4	Waves and Optics	7	6	42	2019			
	MATHEMATICS	SEC-2	Graph Theory	9	2	18	2019			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	7	6	42	2019	6.75	6.75	Q
		CC-12	Mechanics I	6	6	36	2019			
	MATHEMATICS	DSE-1	Linear Programming	6	6	36	2019			
		DSE-2	Probability & Statistics	8	6	48	2019			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	9	6	54	2020	9.50	9.50	Q
		CC-14	Ring Theory and Linear Algebra II	10	6	60	2020			
	MATHEMATICS	DSE-3	Group Theory II	9	6	54	2020			
		DSE-4	Mechanics II	10	6	60	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.17							Letter Grade in CGPA : A		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.20										

Date of Publication of Result : 29.10.2020

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

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

Anindya Jyoti Pal
 Controller of Examinations

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

Grade Point Norms:

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

Percentage of Conversion Formula:

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

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



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

Name: MRINAL KANTI CHOWDHURY

Honours: MATHEMATICS

Roll No. 170341200017

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	5	6	30	2017	5.50	6.00	Q
		CC-2	Algebra	6	6	36	2017			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	7	6	42	2017			
		AECC-1	Fundamentals of Environmental Studies	6	4	24	2017			
II	MATHEMATICS	CC-3	Real Analysis	7	6	42	2018	6.00	5.90	Q
		CC-4	Differential Equations and Vector Calculus	5	6	30	2018			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	5	6	30	2018			
		AECC-2	Bengali	8	2	16	2018			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	4	6	24	2018	4.33	5.15	Q
		CC-6	Group Theory I	4	6	24	2018			
		CC-7	Numerical Methods	5	6	30	2018			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	7	6	42	2018			
	MATHEMATICS	SEC-1	Logic and Sets	7	2	14	2018			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	4	6	24	2019	SNC		
		CC-9	Multivariate Calculus	NA	6	NA				
		CC-10	Ring Theory and Linear Algebra I	NA	6	NA				
	PHYSICS	GE-4	Waves and Optics	6	6	36	2019			
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2019			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	5	6	30	2019	5.75	5.75	Q
		CC-12	Mechanics I	6	6	36	2019			
	MATHEMATICS	DSE-1	Linear Programming	5	6	30	2019			
		DSE-2	Probability & Statistics	7	6	42	2019			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2020	9.75	9.75	Q
		CC-14	Ring Theory and Linear Algebra II	10	6	60	2020			
	MATHEMATICS	DSE-3	Group Theory II	9	6	54	2020			
		DSE-4	Mechanics II	10	6	60	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs :							Letter Grade in CGPA :		Result : PNC	
CGPA (Cumulative Grade Point Average) on the basis of All Courses :										

Date of Publication of Result : 29.10.2020

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

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

Anindya Jyoti Pal
 Controller of Examinations

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

Grade Point Norms:

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

Percentage of Conversion Formula:

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

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



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

Name: NARGIS SULTANA

Honours: MATHEMATICS

Roll No. 170341200018

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	4	6	24	2017	4.50	5.36	Q
		CC-2	Algebra	5	6	30	2017			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	6	6	36	2017			
		ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28			
II	MATHEMATICS	CC-3	Real Analysis	6	6	36	2018	5.50	5.70	Q
		CC-4	Differential Equations and Vector Calculus	5	6	30	2018			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	5	6	30	2018			
		Communicative English/MIL	AECC-2	Bengali	9	2	18			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	6	6	36	2018	5.67	6.15	Q
		CC-6	Group Theory I	5	6	30	2018			
		CC-7	Numerical Methods	6	6	36	2018			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	7	6	42	2018			
	MATHEMATICS	SEC-1	Logic and Sets	8	2	16	2018			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	5	6	30	2019	5.00	5.77	Q
		CC-9	Multivariate Calculus	4	6	24	2019			
		CC-10	Ring Theory and Linear Algebra I	6	6	36	2019			
	PHYSICS	GE-4	Waves and Optics	7	6	42	2019			
	MATHEMATICS	SEC-2	Graph Theory	9	2	18	2019			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	5	6	30	2019	5.75	5.75	Q
		CC-12	Mechanics I	5	6	30	2019			
	MATHEMATICS	DSE-1	Linear Programming	5	6	30	2019			
		DSE-2	Probability & Statistics	8	6	48	2019			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	9	6	54	2020	9.75	9.75	Q
		CC-14	Ring Theory and Linear Algebra II	10	6	60	2020			
	MATHEMATICS	DSE-3	Group Theory II	10	6	60	2020			
		DSE-4	Mechanics II	10	6	60	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 6.33							Letter Grade in CGPA : B+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 6.44										

Date of Publication of Result : 29.10.2020

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

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

Anindya Jyoti Pal
 Controller of Examinations

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

Grade Point Norms:

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

Percentage of Conversion Formula:

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

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



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

Name: **POULAMI MAL**Honours: **BOTANY**Roll No. **170341200019**

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	BOTANY	CC-1	Microbiology and Phycology	8	6	48	2017	7.50	7.09	Q
		CC-2	Archegoniatae	7	6	42	2017			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	7	6	42	2017			
		ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24			
II	BOTANY	CC-3	Mycology and Phytopathology	8	6	48	2018	8.50	7.80	Q
		CC-4	Morphology and Anatomy of Angiosperms	9	6	54	2018			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	6	6	36	2018			
		Communicative English/MIL	AECC-2	Bengali	9	2	18			
III	BOTANY	CC-5	Plant Ecology and Phytogeography	8	6	48	2018	8.00	7.92	Q
		CC-6	Plant Systematics	8	6	48	2018			
		CC-7	Economic Botany	8	6	48	2018			
	ZOOLOGY	GE-3	Physiology and Biochemistry	7	6	42	2018			
	BOTANY	SEC-1	Agricultural Botany	10	2	20	2018			
IV	BOTANY	CC-8	Palaeobotany & Palynology	8	6	48	2019	8.00	7.92	Q
		CC-9	Biomolecules and Cell Biology	8	6	48	2019			
		CC-10	Molecular Biology	8	6	48	2019			
	ZOOLOGY	GE-4	Genetics and Evolutionary Biology	7	6	42	2019			
	BOTANY	SEC-2	Biofertilizers	10	2	20	2019			
V	BOTANY	CC-11	Plant Physiology	8	6	48	2019	8.50	8.50	Q
		CC-12	Plant Metabolism	9	6	54	2019			
	BOTANY	DSE-1	Reproductive Biology of Angiosperms	8	6	48	2019			
		DSE-2	Biostatistics	9	6	54	2019			
VI	BOTANY	CC-13	Genetics & Plant Breeding	10	6	60	2020	10.00	10.00	Q
		CC-14	Plant Biotechnology	10	6	60	2020			
	BOTANY	DSE-3	Plant Evolution & Biodiversity	10	6	60	2020			
		DSE-4	Horticulture Practices & Post-Harvest Technology	10	6	60	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.56							Letter Grade in CGPA : A+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.23										

Date of Publication of Result : 29.10.2020

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

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

Anindya Zyoti Pal
 Controller of Examinations

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

Grade Point Norms:

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

Percentage of Conversion Formula:

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

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



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

Name: PRONOMITA SINHA

Honours: ZOOLOGY

Roll No. 170341200021

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	ZOOLOGY	CC-1	Non-chordates I	6	6	36	2017	6.50	6.73	Q
		CC-2	Ecology	7	6	42	2017			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	7	6	42	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
II	ZOOLOGY	CC-3	Non-chordates II	7	6	42	2018	6.50	6.30	Q
		CC-4	Cell Biology	6	6	36	2018			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	5	6	30	2018			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
III	ZOOLOGY	CC-5	Chordates	6	6	36	2018	6.33	6.46	Q
		CC-6	Animal Physiology: Controlling and Coordinating Systems	7	6	42	2018			
		CC-7	Fundamentals of Biochemistry	6	6	36	2018			
	BOTANY	GE-3	Plant Anatomy and Embryology	7	6	42	2018			
	ZOOLOGY	SEC-1	Apiculture	6	2	12	2018			
IV	ZOOLOGY	CC-8	Comparative Anatomy of Vertebrates	7	6	42	2019	5.67	6.23	Q
		CC-9	Animal Physiology: Life Sustaining Systems	5	6	30	2019			
		CC-10	Immunology	5	6	30	2019			
	BOTANY	GE-4	Plant Physiology and Metabolism	7	6	42	2019			
	ZOOLOGY	SEC-2	Medical Diagnostics	9	2	18	2019			
V	ZOOLOGY	CC-11	Molecular Biology	6	6	36	2019	6.25	6.25	Q
		CC-12	Genetics	7	6	42	2019			
	ZOOLOGY	DSE-1	Animal Biotechnology	6	6	36	2019			
		DSE-2	Parasitology	6	6	36	2019			
VI	ZOOLOGY	CC-13	Developmental Biology	7	6	42	2020	7.50	7.50	Q
		CC-14	Evolutionary Biology	7	6	42	2020			
	ZOOLOGY	DSE-3	Wild life Conservation	8	6	48	2020			
		DSE-4	Endocrinology	8	6	48	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 6.50							Letter Grade in CGPA : B+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 6.58										

Date of Publication of Result : 29.10.2020

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

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

Anindya Zyoti Pal
 Controller of Examinations

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

Grade Point Norms:

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

Percentage of Conversion Formula:

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

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



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

Name: RAJIB MONDAL

Honours: ZOOLOGY

Roll No. 17034120022

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	ZOOLOGY	CC-1	Non-chordates I	6	6	36	2017	6.50	6.73	Q
		CC-2	Ecology	7	6	42	2017			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	7	6	42	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
II	ZOOLOGY	CC-3	Non-chordates II	6	6	36	2018	5.50	5.80	Q
		CC-4	Cell Biology	5	6	30	2018			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	5	6	30	2018			
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2018			
III	ZOOLOGY	CC-5	Chordates	5	6	30	2018	5.33	5.31	Q
		CC-6	Animal Physiology: Controlling and Coordinating Systems	6	6	36	2018			
		CC-7	Fundamentals of Biochemistry	5	6	30	2018			
	BOTANY	GE-3	Plant Anatomy and Embryology	5	6	30	2018			
	ZOOLOGY	SEC-1	Apiculture	6	2	12	2018			
IV	ZOOLOGY	CC-8	Comparative Anatomy of Vertebrates	6	6	36	2019	5.00	5.69	Q
		CC-9	Animal Physiology: Life Sustaining Systems	4	6	24	2019			
		CC-10	Immunology	5	6	30	2019			
	BOTANY	GE-4	Plant Physiology and Metabolism	7	6	42	2019			
	ZOOLOGY	SEC-2	Medical Diagnostics	8	2	16	2019			
V	ZOOLOGY	CC-11	Molecular Biology	6	6	36	2019	6.00	6.00	Q
		CC-12	Genetics	7	6	42	2019			
	ZOOLOGY	DSE-1	Animal Biotechnology	5	6	30	2019			
		DSE-2	Parasitology	6	6	36	2019			
VI	ZOOLOGY	CC-13	Developmental Biology	7	6	42	2020	8.25	8.25	Q
		CC-14	Evolutionary Biology	9	6	54	2020			
	ZOOLOGY	DSE-3	Wild life Conservation	9	6	54	2020			
		DSE-4	Endocrinology	8	6	48	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 6.22							Letter Grade in CGPA : B+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 6.28										

Date of Publication of Result : 29.10.2020

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

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

Anindya Zyoti Pal
 Controller of Examinations

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

Grade Point Norms:

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

Percentage of Conversion Formula:

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

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



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

Name: RIYA BHANDARI

Honours: ZOOLOGY

Roll No. 170341200023

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	ZOOLOGY	CC-1	Non-chordates I	7	6	42	2017	7.50	7.27	Q
		CC-2	Ecology	8	6	48	2017			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	7	6	42	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
II	ZOOLOGY	CC-3	Non-chordates II	7	6	42	2018	7.00	7.30	Q
		CC-4	Cell Biology	7	6	42	2018			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	7	6	42	2018			
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2018			
III	ZOOLOGY	CC-5	Chordates	8	6	48	2018	7.67	7.85	Q
		CC-6	Animal Physiology: Controlling and Coordinating Systems	8	6	48	2018			
		CC-7	Fundamentals of Biochemistry	7	6	42	2018			
	BOTANY	GE-3	Plant Anatomy and Embryology	8	6	48	2018			
	ZOOLOGY	SEC-1	Apiculture	9	2	18	2018			
IV	ZOOLOGY	CC-8	Comparative Anatomy of Vertebrates	7	6	42	2019	6.33	7.15	Q
		CC-9	Animal Physiology: Life Sustaining Systems	6	6	36	2019			
		CC-10	Immunology	6	6	36	2019			
	BOTANY	GE-4	Plant Physiology and Metabolism	9	6	54	2019			
	ZOOLOGY	SEC-2	Medical Diagnostics	9	2	18	2019			
V	ZOOLOGY	CC-11	Molecular Biology	7	6	42	2019	7.75	7.75	Q
		CC-12	Genetics	8	6	48	2019			
	ZOOLOGY	DSE-1	Animal Biotechnology	7	6	42	2019			
		DSE-2	Parasitology	9	6	54	2019			
VI	ZOOLOGY	CC-13	Developmental Biology	9	6	54	2020	9.50	9.50	Q
		CC-14	Evolutionary Biology	10	6	60	2020			
	ZOOLOGY	DSE-3	Wild life Conservation	10	6	60	2020			
		DSE-4	Endocrinology	9	6	54	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.78							Letter Grade in CGPA : A		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.82										

Date of Publication of Result : 29.10.2020

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

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

Anindya Zyoti Pal
 Controller of Examinations

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

Grade Point Norms:

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

Percentage of Conversion Formula:

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

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



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

Name: RIYA KHAN

Honours: BOTANY

Roll No. 170341200024

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	BOTANY	CC-1	Microbiology and Phycology	6	6	36	2017	6.00	6.27	Q
		CC-2	Archegoniatae	6	6	36	2017			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	7	6	42	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017			
II	BOTANY	CC-3	Mycology and Phytopathology	7	6	42	2018	7.50	7.20	Q
		CC-4	Morphology and Anatomy of Angiosperms	8	6	48	2018			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	6	6	36	2018			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
III	BOTANY	CC-5	Plant Ecology and Phytogeography	8	6	48	2018	8.33	8.31	Q
		CC-6	Plant Systematics	8	6	48	2018			
		CC-7	Economic Botany	9	6	54	2018			
	ZOOLOGY	GE-3	Physiology and Biochemistry	8	6	48	2018			
	BOTANY	SEC-1	Agricultural Botany	9	2	18	2018			
IV	BOTANY	CC-8	Palaeobotany & Palynology	9	6	54	2019	7.67	7.85	Q
		CC-9	Biomolecules and Cell Biology	7	6	42	2019			
		CC-10	Molecular Biology	7	6	42	2019			
	ZOOLOGY	GE-4	Genetics and Evolutionary Biology	8	6	48	2019			
	BOTANY	SEC-2	Biofertilizers	9	2	18	2019			
V	BOTANY	CC-11	Plant Physiology	8	6	48	2019	8.50	8.50	Q
		CC-12	Plant Metabolism	9	6	54	2019			
	BOTANY	DSE-1	Reproductive Biology of Angiosperms	9	6	54	2019			
		DSE-2	Biostatistics	8	6	48	2019			
VI	BOTANY	CC-13	Genetics & Plant Breeding	9	6	54	2020	9.75	9.75	Q
		CC-14	Plant Biotechnology	10	6	60	2020			
	BOTANY	DSE-3	Plant Evolution & Biodiversity	10	6	60	2020			
		DSE-4	Horticulture Practices & Post-Harvest Technology	10	6	60	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.22							Letter Grade in CGPA : A+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.03										

Date of Publication of Result : 29.10.2020

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

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

Anindya Zyoti Pal
 Controller of Examinations

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

Grade Point Norms:

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

Percentage of Conversion Formula:

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

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



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

Name: SAYAN RAKSHIT

Honours: MATHEMATICS

Roll No. 170341200025

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	5	6	30	2017	6.00	6.27	Q
		CC-2	Algebra	7	6	42	2017			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	7	6	42	2017			
		ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24			
II	MATHEMATICS	CC-3	Real Analysis	7	6	42	2018	6.50	6.90	Q
		CC-4	Differential Equations and Vector Calculus	6	6	36	2018			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	7	6	42	2018			
		Communicative English/MIL	AECC-2	Bengali	9	2	18			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	6	6	36	2018	6.00	6.38	Q
		CC-6	Group Theory I	6	6	36	2018			
		CC-7	Numerical Methods	6	6	36	2018			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	7	6	42	2018			
	MATHEMATICS	SEC-1	Logic and Sets	8	2	16	2018			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	4	6	24	2019	4.33	5.38	Q
		CC-9	Multivariate Calculus	4	6	24	2019			
		CC-10	Ring Theory and Linear Algebra I	5	6	30	2019			
	PHYSICS	GE-4	Waves and Optics	7	6	42	2019			
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2019			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	5	6	30	2019	5.75	5.75	Q
		CC-12	Mechanics I	6	6	36	2019			
	MATHEMATICS	DSE-1	Linear Programming	4	6	24	2019			
		DSE-2	Probability & Statistics	8	6	48	2019			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	9	6	54	2020	9.50	9.50	Q
		CC-14	Ring Theory and Linear Algebra II	10	6	60	2020			
	MATHEMATICS	DSE-3	Group Theory II	10	6	60	2020			
		DSE-4	Mechanics II	9	6	54	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 6.50							Letter Grade in CGPA : B+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 6.68										

Date of Publication of Result : 29.10.2020

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

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

Anindya Jyoti Pal
 Controller of Examinations

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

Grade Point Norms:

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

Percentage of Conversion Formula:

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

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



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

Name: SAYANTANI CHAKRABORTY

Honours: ZOOLOGY

Roll No. 170341200027

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	ZOOLOGY	CC-1	Non-chordates I	6	6	36	2017	6.00	6.27	Q
		CC-2	Ecology	6	6	36	2017			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	7	6	42	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017			
II	ZOOLOGY	CC-3	Non-chordates II	6	6	36	2018	6.00	6.10	Q
		CC-4	Cell Biology	6	6	36	2018			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	5	6	30	2018			
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2018			
III	ZOOLOGY	CC-5	Chordates	5	6	30	2018	5.33	5.62	Q
		CC-6	Animal Physiology: Controlling and Coordinating Systems	6	6	36	2018			
		CC-7	Fundamentals of Biochemistry	5	6	30	2018			
	BOTANY	GE-3	Plant Anatomy and Embryology	6	6	36	2018			
	ZOOLOGY	SEC-1	Apiculture	7	2	14	2018			
IV	ZOOLOGY	CC-8	Comparative Anatomy of Vertebrates	5	6	30	2019	4.33	4.92	Q
		CC-9	Animal Physiology: Life Sustaining Systems	4	6	24	2019			
		CC-10	Immunology	4	6	24	2019			
	BOTANY	GE-4	Plant Physiology and Metabolism	6	6	36	2019			
	ZOOLOGY	SEC-2	Medical Diagnostics	7	2	14	2019			
V	ZOOLOGY	CC-11	Molecular Biology	5	6	30	2019	6.00	6.00	Q
		CC-12	Genetics	5	6	30	2019			
	ZOOLOGY	DSE-1	Animal Biotechnology	5	6	30	2019			
		DSE-2	Parasitology	9	6	54	2019			
VI	ZOOLOGY	CC-13	Developmental Biology	8	6	48	2020	8.00	8.00	Q
		CC-14	Evolutionary Biology	8	6	48	2020			
	ZOOLOGY	DSE-3	Wild life Conservation	8	6	48	2020			
		DSE-4	Endocrinology	8	6	48	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 6.06							Letter Grade in CGPA : B+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 6.13										

Date of Publication of Result : 29.10.2020

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

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

Anindya Zyoti Pal
 Controller of Examinations

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

Grade Point Norms:

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

Percentage of Conversion Formula:

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

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



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

Name: SHRABANI DAS

Honours: MATHEMATICS

Roll No. 170341200029

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	6	6	36	2017	6.50	6.73	Q
		CC-2	Algebra	7	6	42	2017			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	7	6	42	2017			
		ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28			
II	MATHEMATICS	CC-3	Real Analysis	7	6	42	2018	6.50	7.00	Q
		CC-4	Differential Equations and Vector Calculus	6	6	36	2018			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	7	6	42	2018			
		Communicative English/MIL	AECC-2	Bengali	10	2	20			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	5	6	30	2018	5.67	6.31	Q
		CC-6	Group Theory I	6	6	36	2018			
		CC-7	Numerical Methods	6	6	36	2018			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	8	6	48	2018			
	MATHEMATICS	SEC-1	Logic and Sets	7	2	14	2018			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	7	6	42	2019	6.33	6.77	Q
		CC-9	Multivariate Calculus	6	6	36	2019			
		CC-10	Ring Theory and Linear Algebra I	6	6	36	2019			
	PHYSICS	GE-4	Waves and Optics	7	6	42	2019			
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2019			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	8	6	48	2019	7.00	7.00	Q
		CC-12	Mechanics I	7	6	42	2019			
	MATHEMATICS	DSE-1	Linear Programming	5	6	30	2019			
		DSE-2	Probability & Statistics	8	6	48	2019			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	9	6	54	2020	9.75	9.75	Q
		CC-14	Ring Theory and Linear Algebra II	10	6	60	2020			
	MATHEMATICS	DSE-3	Group Theory II	10	6	60	2020			
		DSE-4	Mechanics II	10	6	60	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.17							Letter Grade in CGPA : A		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.25										

Date of Publication of Result : 29.10.2020

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

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

Anindya Jyoti Pal
 Controller of Examinations

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

Grade Point Norms:

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

Percentage of Conversion Formula:

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

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



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

Name: SK GOLAM KIBRIA

Honours: ZOOLOGY

Roll No. 170341200030

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	ZOOLOGY	CC-1	Non-chordates I	7	6	42	2017	7.00	7.00	Q
		CC-2	Ecology	7	6	42	2017			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	7	6	42	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
II	ZOOLOGY	CC-3	Non-chordates II	5	6	30	2018	5.00	5.40	Q
		CC-4	Cell Biology	5	6	30	2018			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	5	6	30	2018			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
III	ZOOLOGY	CC-5	Chordates	6	6	36	2018	6.33	6.62	Q
		CC-6	Animal Physiology: Controlling and Coordinating Systems	7	6	42	2018			
		CC-7	Fundamentals of Biochemistry	6	6	36	2018			
	BOTANY	GE-3	Plant Anatomy and Embryology	7	6	42	2018			
	ZOOLOGY	SEC-1	Apiculture	8	2	16	2018			
IV	ZOOLOGY	CC-8	Comparative Anatomy of Vertebrates	6	6	36	2019	5.67	6.15	Q
		CC-9	Animal Physiology: Life Sustaining Systems	5	6	30	2019			
		CC-10	Immunology	6	6	36	2019			
	BOTANY	GE-4	Plant Physiology and Metabolism	7	6	42	2019			
	ZOOLOGY	SEC-2	Medical Diagnostics	8	2	16	2019			
V	ZOOLOGY	CC-11	Molecular Biology	6	6	36	2019	7.00	7.00	Q
		CC-12	Genetics	7	6	42	2019			
	ZOOLOGY	DSE-1	Animal Biotechnology	7	6	42	2019			
		DSE-2	Parasitology	8	6	48	2019			
VI	ZOOLOGY	CC-13	Developmental Biology	8	6	48	2020	8.75	8.75	Q
		CC-14	Evolutionary Biology	9	6	54	2020			
	ZOOLOGY	DSE-3	Wild life Conservation	9	6	54	2020			
		DSE-4	Endocrinology	9	6	54	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 6.83							Letter Grade in CGPA : B+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 6.85										

Date of Publication of Result : 29.10.2020

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

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

Anindya Zyoti Pal
 Controller of Examinations

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

Grade Point Norms:

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

Percentage of Conversion Formula:

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

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



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

Name: SK LUTFAR HOSSAIN

Honours: CHEMISTRY

Roll No. 170341200031

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	CHEMISTRY	CC-1	Organic Chemistry-I	6	6	36	2017	6.00	5.91	Q
		CC-2	Physical Chemistry-I	6	6	36	2017			
	PHYSICS	GE-1	Mechanics	5	6	30	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
II	CHEMISTRY	CC-3	Inorganic Chemistry-I	5	6	30	2018	5.50	6.40	Q
		CC-4	Organic Chemistry-II	6	6	36	2018			
	PHYSICS	GE-2	Electricity and Magnetism	7	6	42	2018			
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2018			
III	CHEMISTRY	CC-5	Physical Chemistry-II	7	6	42	2018	6.67	6.31	Q
		CC-6	Inorganic Chemistry-II	7	6	42	2018			
		CC-7	Organic Chemistry-III	6	6	36	2018			
	MATHEMATICS	GE-3	Real Analysis	5	6	30	2018			
	CHEMISTRY	SEC-1	Basic Analytical Chemistry	7	2	14	2018			
IV	CHEMISTRY	CC-8	Physical Chemistry-III	6	6	36	2019	5.67	5.69	Q
		CC-9	Inorganic Chemistry-III	6	6	36	2019			
		CC-10	Organic Chemistry - IV	5	6	30	2019			
	MATHEMATICS	GE-4	Algebra	5	6	30	2019			
	CHEMISTRY	SEC-2	Pharmaceutical Chemistry	8	2	16	2019			
V	CHEMISTRY	CC-11	Inorganic Chemistry-IV	5	6	30	2019	6.00	6.00	Q
		CC-12	Organic Chemistry-V	5	6	30	2019			
	CHEMISTRY	DSE-1	Advanced Physical Chemistry	7	6	42	2019			
		DSE-2	Analytical Methods in Chemistry	7	6	42	2019			
VI	CHEMISTRY	CC-13	Inorganic Chemistry-V	8	6	48	2020	8.25	8.25	Q
		CC-14	Physical Chemistry-IV	8	6	48	2020			
	CHEMISTRY	DSE-3	Green Chemistry	8	6	48	2020			
		DSE-4	Inorganic Materials of Industrial Importance	9	6	54	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 6.50							Letter Grade in CGPA : B+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 6.42										

Date of Publication of Result : 29.10.2020

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

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

Anindya Zyoti Pal
 Controller of Examinations

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

Grade Point Norms:

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

Percentage of Conversion Formula:

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

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



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

Name: SK MOSTAKIM

Honours: MATHEMATICS

Roll No. 170341200032

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	4	6	24	2017	4.50	5.18	Q
		CC-2	Algebra	5	6	30	2017			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	6	6	36	2017			
		AECC-1	Fundamentals of Environmental Studies	6	4	24	2017			
II	MATHEMATICS	CC-3	Real Analysis	6	6	36	2018	5.00	5.50	Q
		CC-4	Differential Equations and Vector Calculus	4	6	24	2018			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	5	6	30	2018			
		AECC-2	Bengali	10	2	20	2018			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	5	6	30	2018	SNC		
		CC-6	Group Theory I	NA	6	NA				
		CC-7	Numerical Methods	5	6	30	2018			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	6	6	36	2018			
	MATHEMATICS	SEC-1	Logic and Sets	8	2	16	2018			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	4	6	24	2019	SNC		
		CC-9	Multivariate Calculus	NA	6	NA				
		CC-10	Ring Theory and Linear Algebra I	NA	6	NA				
	PHYSICS	GE-4	Waves and Optics	6	6	36	2019			
	MATHEMATICS	SEC-2	Graph Theory	9	2	18	2019			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	4	6	24	2019	4.75	4.75	Q
		CC-12	Mechanics I	4	6	24	2019			
	MATHEMATICS	DSE-1	Linear Programming	4	6	24	2019			
		DSE-2	Probability & Statistics	7	6	42	2019			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	9	6	54	2020	9.50	9.50	Q
		CC-14	Ring Theory and Linear Algebra II	10	6	60	2020			
	MATHEMATICS	DSE-3	Group Theory II	9	6	54	2020			
		DSE-4	Mechanics II	10	6	60	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs :							Letter Grade in CGPA :		Result : PNC	
CGPA (Cumulative Grade Point Average) on the basis of All Courses :										

Date of Publication of Result : 29.10.2020

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

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

Anindya Jyoti Pal
 Controller of Examinations

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

Grade Point Norms:

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

Percentage of Conversion Formula:

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

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



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

Name: SNEHASIS DAS

Honours: CHEMISTRY

Roll No. 170341200034

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	CHEMISTRY	CC-1	Organic Chemistry-I	6	6	36	2017	6.50	6.18	Q
		CC-2	Physical Chemistry-I	7	6	42	2017			
	PHYSICS	GE-1	Mechanics	5	6	30	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
II	CHEMISTRY	CC-3	Inorganic Chemistry-I	6	6	36	2018	6.00	6.90	Q
		CC-4	Organic Chemistry-II	6	6	36	2018			
	PHYSICS	GE-2	Electricity and Magnetism	8	6	48	2018			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
III	CHEMISTRY	CC-5	Physical Chemistry-II	6	6	36	2018	6.33	6.08	Q
		CC-6	Inorganic Chemistry-II	7	6	42	2018			
		CC-7	Organic Chemistry-III	6	6	36	2018			
	MATHEMATICS	GE-3	Real Analysis	5	6	30	2018			
	CHEMISTRY	SEC-1	Basic Analytical Chemistry	7	2	14	2018			
IV	CHEMISTRY	CC-8	Physical Chemistry-III	5	6	30	2019	5.67	5.62	Q
		CC-9	Inorganic Chemistry-III	6	6	36	2019			
		CC-10	Organic Chemistry - IV	6	6	36	2019			
	MATHEMATICS	GE-4	Algebra	5	6	30	2019			
	CHEMISTRY	SEC-2	Pharmaceutical Chemistry	7	2	14	2019			
V	CHEMISTRY	CC-11	Inorganic Chemistry-IV	7	6	42	2019	7.00	7.00	Q
		CC-12	Organic Chemistry-V	5	6	30	2019			
	CHEMISTRY	DSE-1	Advanced Physical Chemistry	8	6	48	2019			
		DSE-2	Analytical Methods in Chemistry	8	6	48	2019			
VI	CHEMISTRY	CC-13	Inorganic Chemistry-V	9	6	54	2020	9.00	9.00	Q
		CC-14	Physical Chemistry-IV	9	6	54	2020			
	CHEMISTRY	DSE-3	Green Chemistry	9	6	54	2020			
		DSE-4	Inorganic Materials of Industrial Importance	9	6	54	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 6.94							Letter Grade in CGPA : B+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 6.77										

Date of Publication of Result : 29.10.2020

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

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

Anindya Zyoti Pal
 Controller of Examinations

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

Grade Point Norms:

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

Percentage of Conversion Formula:

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

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



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

Name: SOUMYADEEP PATRA

Honours: MATHEMATICS

Roll No. 170341200035

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	7	6	42	2017	8.00	7.91	Q
		CC-2	Algebra	9	6	54	2017			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	9	6	54	2017			
		ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24			
II	MATHEMATICS	CC-3	Real Analysis	9	6	54	2018	9.50	9.30	Q
		CC-4	Differential Equations and Vector Calculus	10	6	60	2018			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	9	6	54	2018			
		Communicative English/MIL	AECC-2	Bengali	9	2	18			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	7	6	42	2018	8.33	8.46	Q
		CC-6	Group Theory I	8	6	48	2018			
		CC-7	Numerical Methods	10	6	60	2018			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	9	6	54	2018			
	MATHEMATICS	SEC-1	Logic and Sets	8	2	16	2018			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	9	6	54	2019	8.00	8.15	Q
		CC-9	Multivariate Calculus	6	6	36	2019			
		CC-10	Ring Theory and Linear Algebra I	9	6	54	2019			
	PHYSICS	GE-4	Waves and Optics	8	6	48	2019			
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2019			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	9	6	54	2019	8.25	8.25	Q
		CC-12	Mechanics I	8	6	48	2019			
	MATHEMATICS	DSE-1	Linear Programming	6	6	36	2019			
		DSE-2	Probability & Statistics	10	6	60	2019			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2020	9.75	9.75	Q
		CC-14	Ring Theory and Linear Algebra II	10	6	60	2020			
	MATHEMATICS	DSE-3	Group Theory II	10	6	60	2020			
		DSE-4	Mechanics II	9	6	54	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.67							Letter Grade in CGPA : A+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.62										

Date of Publication of Result : 29.10.2020

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

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

Anindya Jyoti Pal
 Controller of Examinations

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

Grade Point Norms:

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

Percentage of Conversion Formula:

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

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



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

Name: SOURAV PAKIRA

Honours: ZOOLOGY

Roll No. 170341200036

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	ZOOLOGY	CC-1	Non-chordates I	7	6	42	2017	7.50	7.27	Q
		CC-2	Ecology	8	6	48	2017			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	7	6	42	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
II	ZOOLOGY	CC-3	Non-chordates II	5	6	30	2018	5.50	6.10	Q
		CC-4	Cell Biology	6	6	36	2018			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	6	6	36	2018			
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2018			
III	ZOOLOGY	CC-5	Chordates	8	6	48	2018	7.33	7.38	Q
		CC-6	Animal Physiology: Controlling and Coordinating Systems	8	6	48	2018			
		CC-7	Fundamentals of Biochemistry	6	6	36	2018			
	BOTANY	GE-3	Plant Anatomy and Embryology	7	6	42	2018			
	ZOOLOGY	SEC-1	Apiculture	9	2	18	2018			
IV	ZOOLOGY	CC-8	Comparative Anatomy of Vertebrates	7	6	42	2019	6.67	7.15	Q
		CC-9	Animal Physiology: Life Sustaining Systems	7	6	42	2019			
		CC-10	Immunology	6	6	36	2019			
	BOTANY	GE-4	Plant Physiology and Metabolism	8	6	48	2019			
	ZOOLOGY	SEC-2	Medical Diagnostics	9	2	18	2019			
V	ZOOLOGY	CC-11	Molecular Biology	7	6	42	2019	8.00	8.00	Q
		CC-12	Genetics	8	6	48	2019			
	ZOOLOGY	DSE-1	Animal Biotechnology	8	6	48	2019			
		DSE-2	Parasitology	9	6	54	2019			
VI	ZOOLOGY	CC-13	Developmental Biology	9	6	54	2020	9.75	9.75	Q
		CC-14	Evolutionary Biology	10	6	60	2020			
	ZOOLOGY	DSE-3	Wild life Conservation	10	6	60	2020			
		DSE-4	Endocrinology	10	6	60	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.72							Letter Grade in CGPA : A		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.65										

Date of Publication of Result : 29.10.2020

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

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

Anindya Zyoti Pal
 Controller of Examinations

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

Grade Point Norms:

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

Percentage of Conversion Formula:

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

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



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

Name: SUBHAS CHANDRA DEY

Honours: MATHEMATICS

Roll No. 170341200037

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	6	6	36	2017	7.00	7.55	Q
		CC-2	Algebra	8	6	48	2017			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	9	6	54	2017			
		ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28			
II	MATHEMATICS	CC-3	Real Analysis	7	6	42	2018	6.50	6.60	Q
		CC-4	Differential Equations and Vector Calculus	6	6	36	2018			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	6	6	36	2018			
		Communicative English/MIL	AECC-2	Bengali	9	2	18			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	6	6	36	2018	5.67	5.92	Q
		CC-6	Group Theory I	5	6	30	2018			
		CC-7	Numerical Methods	6	6	36	2018			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	6	6	36	2018			
	MATHEMATICS	SEC-1	Logic and Sets	8	2	16	2018			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	5	6	30	2019	4.67	5.54	Q
		CC-9	Multivariate Calculus	4	6	24	2019			
		CC-10	Ring Theory and Linear Algebra I	5	6	30	2019			
	PHYSICS	GE-4	Waves and Optics	7	6	42	2019			
	MATHEMATICS	SEC-2	Graph Theory	9	2	18	2019			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	6	6	36	2019	5.75	5.75	Q
		CC-12	Mechanics I	4	6	24	2019			
	MATHEMATICS	DSE-1	Linear Programming	5	6	30	2019			
		DSE-2	Probability & Statistics	8	6	48	2019			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	9	6	54	2020	9.75	9.75	Q
		CC-14	Ring Theory and Linear Algebra II	10	6	60	2020			
	MATHEMATICS	DSE-3	Group Theory II	10	6	60	2020			
		DSE-4	Mechanics II	10	6	60	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 6.67							Letter Grade in CGPA : B+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 6.82										

Date of Publication of Result : 29.10.2020

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

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

Anindya Jyoti Pal
 Controller of Examinations

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

Grade Point Norms:

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

Percentage of Conversion Formula:

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

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



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

Name: SUCHISMITA PAL

Honours: MATHEMATICS

Roll No. 170341200038

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	4	6	24	2017	5.00	5.64	Q
		CC-2	Algebra	6	6	36	2017			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	6	6	36	2017			
		AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
II	MATHEMATICS	CC-3	Real Analysis	5	6	30	2018	5.00	5.40	Q
		CC-4	Differential Equations and Vector Calculus	5	6	30	2018			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	5	6	30	2018			
		AECC-2	Bengali	9	2	18	2018			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	NA	6	NA		9.00	9.00	SNC
		CC-6	Group Theory I	4	6	24	2018			
		CC-7	Numerical Methods	5	6	30	2018			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	5	6	30	2018			
	MATHEMATICS	SEC-1	Logic and Sets	6	2	12	2018			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	NA	6	NA		9.00	9.00	SNC
		CC-9	Multivariate Calculus	NA	6	NA				
		CC-10	Ring Theory and Linear Algebra I	NA	6	NA				
	PHYSICS	GE-4	Waves and Optics	5	6	30	2019			
	MATHEMATICS	SEC-2	Graph Theory	8	2	16	2019			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	NA	6	NA		9.00	9.00	SNC
		CC-12	Mechanics I	NA	6	NA				
	MATHEMATICS	DSE-1	Linear Programming	NA	6	NA				
		DSE-2	Probability & Statistics	NA	6	NA				
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	8	6	48	2020	9.00	9.00	Q
		CC-14	Ring Theory and Linear Algebra II	10	6	60	2020			
	MATHEMATICS	DSE-3	Group Theory II	9	6	54	2020			
		DSE-4	Mechanics II	9	6	54	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs :							Letter Grade in CGPA :		Result : PNC	
CGPA (Cumulative Grade Point Average) on the basis of All Courses :										

Date of Publication of Result : 29.10.2020

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

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

Avinnya Zyoti Pal
 Controller of Examinations

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

Grade Point Norms:

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

Percentage of Conversion Formula:

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

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



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

Name: SUDIPTA PAL

Honours: MATHEMATICS

Roll No. 170341200040

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	5	6	30	2017	6.50	6.82	Q
		CC-2	Algebra	8	6	48	2017			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	8	6	48	2017			
		ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24			
II	MATHEMATICS	CC-3	Real Analysis	6	6	36	2018	6.50	6.90	Q
		CC-4	Differential Equations and Vector Calculus	7	6	42	2018			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	7	6	42	2018			
		Communicative English/MIL	AECC-2	Bengali	9	2	18			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	4	6	24	2018	5.33	5.92	Q
		CC-6	Group Theory I	6	6	36	2018			
		CC-7	Numerical Methods	6	6	36	2018			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	7	6	42	2018			
	MATHEMATICS	SEC-1	Logic and Sets	8	2	16	2018			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	5	6	30	2019	5.33	6.00	Q
		CC-9	Multivariate Calculus	4	6	24	2019			
		CC-10	Ring Theory and Linear Algebra I	7	6	42	2019			
	PHYSICS	GE-4	Waves and Optics	7	6	42	2019			
	MATHEMATICS	SEC-2	Graph Theory	9	2	18	2019			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	7	6	42	2019	6.50	6.50	Q
		CC-12	Mechanics I	6	6	36	2019			
	MATHEMATICS	DSE-1	Linear Programming	5	6	30	2019			
		DSE-2	Probability & Statistics	8	6	48	2019			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	9	6	54	2020	9.50	9.50	Q
		CC-14	Ring Theory and Linear Algebra II	10	6	60	2020			
	MATHEMATICS	DSE-3	Group Theory II	10	6	60	2020			
		DSE-4	Mechanics II	9	6	54	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 6.78							Letter Grade in CGPA : B+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 6.92										

Date of Publication of Result : 29.10.2020

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

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

Anindya Jyoti Pal
 Controller of Examinations

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

Grade Point Norms:

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

Percentage of Conversion Formula:

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

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



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

Name: SUTIRTHA JANA

Honours: MATHEMATICS

Roll No. 170341200043

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	4	6	24	2017	5.00	5.91	Q
		CC-2	Algebra	6	6	36	2017			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	7	6	42	2017			
		ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28			
II	MATHEMATICS	CC-3	Real Analysis	7	6	42	2018	7.00	6.90	Q
		CC-4	Differential Equations and Vector Calculus	7	6	42	2018			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	6	6	36	2018			
		Communicative English/MIL	AECC-2	Bengali	9	2	18			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	5	6	30	2018	5.67	6.31	Q
		CC-6	Group Theory I	5	6	30	2018			
		CC-7	Numerical Methods	7	6	42	2018			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	8	6	48	2018			
	MATHEMATICS	SEC-1	Logic and Sets	7	2	14	2018			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	8	6	48	2019	7.33	7.15	Q
		CC-9	Multivariate Calculus	6	6	36	2019			
		CC-10	Ring Theory and Linear Algebra I	8	6	48	2019			
	PHYSICS	GE-4	Waves and Optics	6	6	36	2019			
	MATHEMATICS	SEC-2	Graph Theory	9	2	18	2019			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	7	6	42	2019	6.75	6.75	Q
		CC-12	Mechanics I	7	6	42	2019			
	MATHEMATICS	DSE-1	Linear Programming	6	6	36	2019			
		DSE-2	Probability & Statistics	7	6	42	2019			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	9	6	54	2020	9.00	9.00	Q
		CC-14	Ring Theory and Linear Algebra II	10	6	60	2020			
	MATHEMATICS	DSE-3	Group Theory II	9	6	54	2020			
		DSE-4	Mechanics II	8	6	48	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.00							Letter Grade in CGPA : A		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.01										

Date of Publication of Result : 29.10.2020

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

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

Anindya Jyoti Pal
 Controller of Examinations

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

Grade Point Norms:

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

Percentage of Conversion Formula:

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

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



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

Name: TANMOY DEY

Honours: ZOOLOGY

Roll No. 170341200044

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	ZOOLOGY	CC-1	Non-chordates I	7	6	42	2017	7.50	7.27	Q
		CC-2	Ecology	8	6	48	2017			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	7	6	42	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
II	ZOOLOGY	CC-3	Non-chordates II	7	6	42	2018	6.50	6.30	Q
		CC-4	Cell Biology	6	6	36	2018			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	5	6	30	2018			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
III	ZOOLOGY	CC-5	Chordates	7	6	42	2018	6.67	6.62	Q
		CC-6	Animal Physiology: Controlling and Coordinating Systems	7	6	42	2018			
		CC-7	Fundamentals of Biochemistry	6	6	36	2018			
	BOTANY	GE-3	Plant Anatomy and Embryology	6	6	36	2018			
	ZOOLOGY	SEC-1	Apiculture	8	2	16	2018			
IV	ZOOLOGY	CC-8	Comparative Anatomy of Vertebrates	6	6	36	2019	6.00	6.69	Q
		CC-9	Animal Physiology: Life Sustaining Systems	6	6	36	2019			
		CC-10	Immunology	6	6	36	2019			
	BOTANY	GE-4	Plant Physiology and Metabolism	8	6	48	2019			
	ZOOLOGY	SEC-2	Medical Diagnostics	9	2	18	2019			
V	ZOOLOGY	CC-11	Molecular Biology	6	6	36	2019	7.00	7.00	Q
		CC-12	Genetics	6	6	36	2019			
	ZOOLOGY	DSE-1	Animal Biotechnology	7	6	42	2019			
		DSE-2	Parasitology	9	6	54	2019			
VI	ZOOLOGY	CC-13	Developmental Biology	9	6	54	2020	8.75	8.75	Q
		CC-14	Evolutionary Biology	9	6	54	2020			
	ZOOLOGY	DSE-3	Wild life Conservation	8	6	48	2020			
		DSE-4	Endocrinology	9	6	54	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.17							Letter Grade in CGPA : A		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.11										

Date of Publication of Result : 29.10.2020

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

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

Anindya Zyoti Pal
 Controller of Examinations

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

Grade Point Norms:

90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
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THE UNIVERSITY OF BURDWAN
B.Sc. 3 YEAR DEGREE HONOURS FINAL EXAMINATION 2020 UNDER CBCS
GRADE CARD

Name: WRITUSREE GHOSH

Honours: MATHEMATICS

Roll No. 170341200045

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	5	6	30	2017	6.00	6.45	Q
		CC-2	Algebra	7	6	42	2017			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	7	6	42	2017			
		AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
II	MATHEMATICS	CC-3	Real Analysis	7	6	42	2018	6.50	6.60	Q
		CC-4	Differential Equations and Vector Calculus	6	6	36	2018			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	6	6	36	2018			
		AECC-2	Bengali	9	2	18	2018			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	8	6	48	2018	6.67	7.08	Q
		CC-6	Group Theory I	6	6	36	2018			
		CC-7	Numerical Methods	6	6	36	2018			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	8	6	48	2018			
	MATHEMATICS	SEC-1	Logic and Sets	8	2	16	2018			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	8	6	48	2019	6.33	6.69	Q
		CC-9	Multivariate Calculus	5	6	30	2019			
		CC-10	Ring Theory and Linear Algebra I	6	6	36	2019			
	PHYSICS	GE-4	Waves and Optics	7	6	42	2019			
	MATHEMATICS	SEC-2	Graph Theory	9	2	18	2019			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	8	6	48	2019	6.50	6.50	Q
		CC-12	Mechanics I	5	6	30	2019			
	MATHEMATICS	DSE-1	Linear Programming	5	6	30	2019			
		DSE-2	Probability & Statistics	8	6	48	2019			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	9	6	54	2020	9.75	9.75	Q
		CC-14	Ring Theory and Linear Algebra II	10	6	60	2020			
	MATHEMATICS	DSE-3	Group Theory II	10	6	60	2020			
		DSE-4	Mechanics II	10	6	60	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.17							Letter Grade in CGPA : A		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.20										

Date of Publication of Result : 29.10.2020

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Anindya Jyoti Pal
 Controller of Examinations

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