



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

Name: ARGHA CHOUDHURY

Roll No. 170610410006

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of All Courses	Result Code
I	PHYSICS	CC-1A	Mechanics	6	6	36	2017	5.60	Q
	CHEMISTRY	CC-2A	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	7	6	42	2017		
	MATHEMATICS	CC-3A	Differential Calculus	NA	6	NA			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017		
II	PHYSICS	CC-1B	Electricity and Magnetism	4	6	24	2018	5.30	Q
	CHEMISTRY	CC-2B	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	5	6	30	2018		
	MATHEMATICS	CC-3B	Differential Equations	NA	6	NA			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018		
III	PHYSICS	CC-1C	Thermal Physics and Statistical Mechanics	6	6	36	2018	5.60	Q
	CHEMISTRY	CC-2C	Chemical Energetic, Equilibria, Organic Chemistry	7	6	42	2018		
	MATHEMATICS	CC-3C	Real Analysis	4	6	24	2018		
	MATHEMATICS	SEC-1	Integral Calculus	5	2	10	2018		
IV	PHYSICS	CC-1D	Waves and Optics	5	6	30	2019	5.30	Q
	CHEMISTRY	CC-2D	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2019		
	MATHEMATICS	CC-3D	Algebra	4	6	24	2019		
	CHEMISTRY	SEC-2	Pharmaceutical Chemistry	5	2	10	2019		
V	PHYSICS	DSE-1A	Elements of Modern Physics	5	6	30	2019	5.60	Q
	CHEMISTRY	DSE-2A	Transition Metal & Co-ordination Chemistry, Analytical and Industrial Chemistry	8	6	48	2019		
	MATHEMATICS	DSE-3A	Linear Algebra	NA	6	NA			
	MATHEMATICS	SEC-3	Probability and Statistics	8	2	16	2019		
VI	PHYSICS	DSE-1B	Digital, Analog and Instrumentation	7	6	42	2020	8.10	Q
	CHEMISTRY	DSE-2B	Functional Group Organic Chemistry and Industrial Chemistry	9	6	54	2020		
	MATHEMATICS	DSE-3B	Numerical Methods	8	6	48	2020		
	CHEMISTRY	SEC-4	Polymer Chemistry	9	2	18	2020		
CGPA (Cumulative Grade Point Average) on the basis of All Courses :						Letter Grade in CGPA :	Result : PNC		

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 [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:

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



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

Name: ARNAB GHOSH

Roll No. 17061041009

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of All Courses	Result Code
I	CHEMISTRY	CC-1A	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	8	6	48	2017	5.73	Q
	PHYSICS	CC-2A	Mechanics	5	6	30	2017		
	MATHEMATICS	CC-3A	Differential Calculus	4	6	24	2017		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017		
II	CHEMISTRY	CC-1B	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	5	6	30	2018	5.20	Q
	PHYSICS	CC-2B	Electricity and Magnetism	5	6	30	2018		
	MATHEMATICS	CC-3B	Differential Equations	4	6	24	2018		
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2018		
III	CHEMISTRY	CC-1C	Chemical Energetic, Equilibria, Organic Chemistry	7	6	42	2018	5.70	Q
	PHYSICS	CC-2C	Thermal Physics and Statistical Mechanics	6	6	36	2018		
	MATHEMATICS	CC-3C	Real Analysis	4	6	24	2018		
	MATHEMATICS	SEC-1	Integral Calculus	6	2	12	2018		
IV	CHEMISTRY	CC-1D	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	6	6	36	2019	5.10	Q
	PHYSICS	CC-2D	Waves and Optics	5	6	30	2019		
	MATHEMATICS	CC-3D	Algebra	4	6	24	2019		
	CHEMISTRY	SEC-2	Pharmaceutical Chemistry	6	2	12	2019		
V	CHEMISTRY	DSE-1A	Transition Metal & Co-ordination Chemistry, Analytical and Industrial Chemistry	8	6	48	2019	6.60	Q
	PHYSICS	DSE-2A	Elements of Modern Physics	6	6	36	2019		
	MATHEMATICS	DSE-3A	Matrices	5	6	30	2019		
	MATHEMATICS	SEC-3	Probability and Statistics	9	2	18	2019		
VI	CHEMISTRY	DSE-1B	Functional Group Organic Chemistry and Industrial Chemistry	9	6	54	2020	9.00	Q
	PHYSICS	DSE-2B	Digital, Analog and Instrumentation	8	6	48	2020		
	MATHEMATICS	DSE-3B	Numerical Methods	10	6	60	2020		
	CHEMISTRY	SEC-4	Polymer Chemistry	9	2	18	2020		
CGPA (Cumulative Grade Point Average) on the basis of All Courses						6.21	Letter Grade in CGPA : B+	Result : Q	

Date of Publication of Result : 29.10.2020

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

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
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DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [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:

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

Name: ASLAM SK

Roll No. 170610410010

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of All Courses	Result Code
I	PHYSICS	CC-1A	Mechanics	5	6	30	2017	6.00	Q
	CHEMISTRY	CC-2A	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	9	6	54	2017		
	MATHEMATICS	CC-3A	Differential Calculus	4	6	24	2017		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017		
II	PHYSICS	CC-1B	Electricity and Magnetism	5	6	30	2018	5.10	Q
	CHEMISTRY	CC-2B	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	5	6	30	2018		
	MATHEMATICS	CC-3B	Differential Equations	4	6	24	2018		
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018		
III	PHYSICS	CC-1C	Thermal Physics and Statistical Mechanics	6	6	36	2018	5.60	Q
	CHEMISTRY	CC-2C	Chemical Energetic, Equilibria, Organic Chemistry	7	6	42	2018		
	MATHEMATICS	CC-3C	Real Analysis	4	6	24	2018		
	MATHEMATICS	SEC-1	Integral Calculus	5	2	10	2018		
IV	PHYSICS	CC-1D	Waves and Optics	5	6	30	2019	5.10	Q
	CHEMISTRY	CC-2D	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	6	6	36	2019		
	MATHEMATICS	CC-3D	Algebra	4	6	24	2019		
	CHEMISTRY	SEC-2	Pharmaceutical Chemistry	6	2	12	2019		
V	PHYSICS	DSE-1A	Elements of Modern Physics	6	6	36	2019	6.60	Q
	CHEMISTRY	DSE-2A	Transition Metal & Co-ordination Chemistry, Analytical and Industrial Chemistry	8	6	48	2019		
	MATHEMATICS	DSE-3A	Matrices	5	6	30	2019		
	MATHEMATICS	SEC-3	Probability and Statistics	9	2	18	2019		
VI	PHYSICS	DSE-1B	Digital, Analog and Instrumentation	9	6	54	2020	9.00	Q
	CHEMISTRY	DSE-2B	Functional Group Organic Chemistry and Industrial Chemistry	9	6	54	2020		
	MATHEMATICS	DSE-3B	Numerical Methods	9	6	54	2020		
	CHEMISTRY	SEC-4	Polymer Chemistry	9	2	18	2020		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 6.23						Letter Grade in CGPA : B+		Result : Q	

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

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50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

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

Name: **BISWAJIT BAIDYA**Roll No. **170610410015**

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of All Courses	Result Code
I	MATHEMATICS	CC-1A	Differential Calculus	5	6	30	2017	5.73	Q
	PHYSICS	CC-2A	Mechanics	5	6	30	2017		
	CHEMISTRY	CC-3A	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	MATHEMATICS	CC-1B	Differential Equations	5	6	30	2018	5.30	Q
	PHYSICS	CC-2B	Electricity and Magnetism	5	6	30	2018		
	CHEMISTRY	CC-3B	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	MATHEMATICS	CC-1C	Real Analysis	5	6	30	2018	6.10	Q
	PHYSICS	CC-2C	Thermal Physics and Statistical Mechanics	6	6	36	2018		
	CHEMISTRY	CC-3C	Chemical Energetic, Equilibria, Organic Chemistry	7	6	42	2018		
	MATHEMATICS	SEC-1	Integral Calculus	7	2	14	2018		
IV	MATHEMATICS	CC-1D	Algebra	4	6	24	2019	5.10	Q
	PHYSICS	CC-2D	Waves and Optics	5	6	30	2019		
	CHEMISTRY	CC-3D	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	6	6	36	2019		
	CHEMISTRY	SEC-2	Pharmaceutical Chemistry	6	2	12	2019		
V	MATHEMATICS	DSE-1A	Matrices	NA	6	NA		SNC	
	PHYSICS	DSE-2A	Elements of Modern Physics	6	6	36	2019		
	CHEMISTRY	DSE-3A	Transition Metal & Co-ordination Chemistry, Analytical and Industrial Chemistry	7	6	42	2019		
	MATHEMATICS	SEC-3	Probability and Statistics	8	2	16	2019		
VI	MATHEMATICS	DSE-1B	Numerical Methods	9	6	54	2020	8.00	Q
	PHYSICS	DSE-2B	Digital, Analog and Instrumentation	7	6	42	2020		
	CHEMISTRY	DSE-3B	Functional Group Organic Chemistry and Industrial Chemistry	8	6	48	2020		
	CHEMISTRY	SEC-4	Polymer Chemistry	8	2	16	2020		
CGPA (Cumulative Grade Point Average) on the basis of All Courses :						Letter Grade in CGPA :	Result : PNC		

Date of Publication of Result : 29.10.2020

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Anindya Zyoti Pal
 Controller of Examinations

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35% and above but below 40%	4	Below 35%	Not Awarded (NA)

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

Name: ELISHA SULTANA

Roll No. 170610410025

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of All Courses	Result Code
I	ZOOLOGY	CC-1A	Animal Diversity	6	6	36	2017	6.00	Q
	BOTANY	CC-2A	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	5	6	30	2017		
	CHEMISTRY	CC-3A	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-1B	Comparative Anatomy & Developmental Biology of Vertebrates	6	6	36	2018	6.00	Q
	BOTANY	CC-2B	Plant Ecology and Taxonomy	6	6	36	2018		
	CHEMISTRY	CC-3B	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-1C	Physiology and Biochemistry	7	6	42	2018	6.90	Q
	BOTANY	CC-2C	Plant Anatomy and Embryology	7	6	42	2018		
	CHEMISTRY	CC-3C	Chemical Energetic, Equilibria, Organic Chemistry	7	6	42	2018		
	BOTANY	SEC-1	Biofertilizers	6	2	12	2018		
IV	ZOOLOGY	CC-1D	Genetics and Evolutionary Biology	7	6	42	2019	6.20	Q
	BOTANY	CC-2D	Plant Physiology and Metabolism	6	6	36	2019		
	CHEMISTRY	CC-3D	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	6	6	36	2019		
	BOTANY	SEC-2	Medicinal Botany	5	2	10	2019		
V	ZOOLOGY	DSE-1A	Applied Zoology	8	6	48	2019	7.40	Q
	BOTANY	DSE-2A	Economic Botany and Biotechnology	7	6	42	2019		
	CHEMISTRY	DSE-3A	Transition Metal & Co-ordination Chemistry, Analytical and Industrial Chemistry	7	6	42	2019		
	ZOOLOGY	SEC-3	Sericulture	8	2	16	2019		
VI	ZOOLOGY	DSE-1B	Immunology	8	6	48	2020	8.10	Q
	BOTANY	DSE-2B	Cell Biology, Genetics and Molecular Biology	8	6	48	2020		
	CHEMISTRY	DSE-3B	Functional Group Organic Chemistry and Industrial Chemistry	9	6	54	2020		
	ZOOLOGY	SEC-4	Community Nutrition and Health Statistics	6	2	12	2020		
CGPA (Cumulative Grade Point Average) on the basis of All Courses						6.75	Letter Grade in CGPA : B+	Result : Q	

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 Zyoti Pal
Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
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B.Sc. 3 YEAR DEGREE GENERAL FINAL EXAMINATION 2020 UNDER CBCS
GRADE CARD

Name: **FIRDOUSI KHATUN**Roll No. **170610410027**

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of All Courses	Result Code
I	PHYSICS	CC-1A	Mechanics	5	6	30	2017	5.27	Q
	CHEMISTRY	CC-2A	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	7	6	42	2017		
	MATHEMATICS	CC-3A	Differential Calculus	4	6	24	2018		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	5	4	20	2017		
II	PHYSICS	CC-1B	Electricity and Magnetism	4	6	24	2018	4.90	Q
	CHEMISTRY	CC-2B	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	5	6	30	2018		
	MATHEMATICS	CC-3B	Differential Equations	5	6	30	2018		
	Communicative English/MIL	AECC-2	Bengali	7	2	14	2018		
III	PHYSICS	CC-1C	Thermal Physics and Statistical Mechanics	5	6	30	2018	5.30	Q
	CHEMISTRY	CC-2C	Chemical Energetic, Equilibria, Organic Chemistry	7	6	42	2018		
	MATHEMATICS	CC-3C	Real Analysis	4	6	24	2018		
	MATHEMATICS	SEC-1	Integral Calculus	5	2	10	2018		
IV	PHYSICS	CC-1D	Waves and Optics	6	6	36	2019	5.40	Q
	CHEMISTRY	CC-2D	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	6	6	36	2019		
	MATHEMATICS	CC-3D	Algebra	4	6	24	2019		
	CHEMISTRY	SEC-2	Pharmaceutical Chemistry	6	2	12	2019		
V	PHYSICS	DSE-1A	Elements of Modern Physics	6	6	36	2019	SNC	
	CHEMISTRY	DSE-2A	Transition Metal & Co-ordination Chemistry, Analytical and Industrial Chemistry	8	6	48	2019		
	MATHEMATICS	DSE-3A	Linear Algebra	NA	6	NA			
	MATHEMATICS	SEC-3	Probability and Statistics	8	2	16	2019		
VI	PHYSICS	DSE-1B	Digital, Analog and Instrumentation	7	6	42	2020	8.10	Q
	CHEMISTRY	DSE-2B	Functional Group Organic Chemistry and Industrial Chemistry	9	6	54	2020		
	MATHEMATICS	DSE-3B	Numerical Methods	8	6	48	2020		
	CHEMISTRY	SEC-4	Polymer Chemistry	9	2	18	2020		
CGPA (Cumulative Grade Point Average) on the basis of All Courses :						Letter Grade in CGPA :	Result : PNC		

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Anindya Zyoti Pal
 Controller of Examinations

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50% and above but below 60%	6	40% and above but below 50%	5
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Percentage of Conversion Formula:

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



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

Name: RAJASHREE MUKHERJEE

Roll No. 170610410055

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of All Courses	Result Code
I	CHEMISTRY	CC-1A	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	8	6	48	2017	7.00	Q
	PHYSICS	CC-2A	Mechanics	7	6	42	2017		
	MATHEMATICS	CC-3A	Differential Calculus	6	6	36	2018		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017		
II	CHEMISTRY	CC-1B	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	5	6	30	2018	5.40	Q
	PHYSICS	CC-2B	Electricity and Magnetism	5	6	30	2018		
	MATHEMATICS	CC-3B	Differential Equations	5	6	30	2019		
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018		
III	CHEMISTRY	CC-1C	Chemical Energetic, Equilibria, Organic Chemistry	8	6	48	2018	6.20	Q
	PHYSICS	CC-2C	Thermal Physics and Statistical Mechanics	6	6	36	2018		
	MATHEMATICS	CC-3C	Real Analysis	4	6	24	2018		
	PHYSICS	SEC-1	Renewable Energy and Energy Harvesting	8	2	16	2018		
IV	CHEMISTRY	CC-1D	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2019	6.30	Q
	PHYSICS	CC-2D	Waves and Optics	7	6	42	2019		
	MATHEMATICS	CC-3D	Algebra	4	6	24	2019		
	CHEMISTRY	SEC-2	Pharmaceutical Chemistry	9	2	18	2019		
V	CHEMISTRY	DSE-1A	Transition Metal & Co-ordination Chemistry, Analytical and Industrial Chemistry	8	6	48	2019	6.60	Q
	PHYSICS	DSE-2A	Elements of Modern Physics	6	6	36	2019		
	MATHEMATICS	DSE-3A	Matrices	5	6	30	2019		
	CHEMISTRY	SEC-3	Basics & Application of Computer in Chemistry	9	2	18	2019		
VI	CHEMISTRY	DSE-1B	Functional Group Organic Chemistry and Industrial Chemistry	9	6	54	2020	9.00	Q
	PHYSICS	DSE-2B	Digital, Analog and Instrumentation	8	6	48	2020		
	MATHEMATICS	DSE-3B	Numerical Methods	10	6	60	2020		
	PHYSICS	SEC-4	Electrical Circuits and Network Skills	9	2	18	2020		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 6.75						Letter Grade in CGPA : B+		Result : Q	

Date of Publication of Result : 29.10.2020

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

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [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:

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



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

Name: SNEHASIS MONDAL

Roll No. 170610410078

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of All Courses	Result Code
I	PHYSICS	CC-1A	Mechanics	6	6	36	2017	5.73	Q
	MATHEMATICS	CC-2A	Differential Calculus	4	6	24	2017		
	ELECTRONICS	CC-3A	Electronic Circuits and PCB Designing	7	6	42	2017		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017		
II	PHYSICS	CC-1B	Electricity and Magnetism	5	6	30	2018	5.70	Q
	MATHEMATICS	CC-2B	Differential Equations	5	6	30	2018		
	ELECTRONICS	CC-3B	Practical Electronics	6	6	36	2018		
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018		
III	PHYSICS	CC-1C	Thermal Physics and Statistical Mechanics	6	6	36	2018	SNC	
	MATHEMATICS	CC-2C	Real Analysis	NA	6	NA			
	ELECTRONICS	CC-3C	Digital System Design	6	6	36	2018		
	MATHEMATICS	SEC-1	Analytical Geometry	5	2	10	2018		
IV	PHYSICS	CC-1D	Waves and Optics	6	6	36	2019	5.50	Q
	MATHEMATICS	CC-2D	Algebra	4	6	24	2019		
	ELECTRONICS	CC-3D	Communication Systems	6	6	36	2019		
	PHYSICS	SEC-2	Weather Forecasting	7	2	14	2019		
V	PHYSICS	DSE-1A	Elements of Modern Physics	6	6	36	2019	6.20	Q
	MATHEMATICS	DSE-2A	Matrices	4	6	24	2019		
	ELECTRONICS	DSE-3A	Electronic Instrumentation	8	6	48	2019		
	MATHEMATICS	SEC-3	Probability and Statistics	8	2	16	2019		
VI	PHYSICS	DSE-1B	Digital, Analog and Instrumentation	7	6	42	2020	7.80	Q
	MATHEMATICS	DSE-2B	Linear Programming	8	6	48	2020		
	ELECTRONICS	DSE-3B	Digital Signal Processing	8	6	48	2020		
	PHYSICS	SEC-4	Electrical Circuits and Network Skills	9	2	18	2020		
CGPA (Cumulative Grade Point Average) on the basis of All Courses :							Letter Grade in CGPA :	Result : PNC	

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 [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:

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



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

Name: **BISWAJIT DEWAN**Roll No. **170611210024**

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of All Courses	Result Code
I	MATHEMATICS	CC-1A	Differential Calculus	4	6	24	2017	4.64	Q
	PHYSICS	CC-2A	Mechanics	4	6	24	2017		
	CHEMISTRY	CC-3A	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	5	6	30	2017		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017		
II	MATHEMATICS	CC-1B	Differential Equations	7	6	42	2018	6.30	Q
	PHYSICS	CC-2B	Electricity and Magnetism	5	6	30	2018		
	CHEMISTRY	CC-3B	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	MATHEMATICS	CC-1C	Real Analysis	4	6	24	2018	5.50	Q
	PHYSICS	CC-2C	Thermal Physics and Statistical Mechanics	7	6	42	2018		
	CHEMISTRY	CC-3C	Chemical Energetic, Equilibria, Organic Chemistry	5	6	30	2019		
	MATHEMATICS	SEC-1	Integral Calculus	7	2	14	2018		
IV	MATHEMATICS	CC-1D	Algebra	7	6	42	2019	6.70	Q
	PHYSICS	CC-2D	Waves and Optics	6	6	36	2019		
	CHEMISTRY	CC-3D	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2019		
	CHEMISTRY	SEC-2	Pharmaceutical Chemistry	7	2	14	2019		
V	MATHEMATICS	DSE-1A	Matrices	6	6	36	2019	6.40	Q
	PHYSICS	DSE-2A	Elements of Modern Physics	6	6	36	2019		
	CHEMISTRY	DSE-3A	Transition Metal & Co-ordination Chemistry, Analytical and Industrial Chemistry	6	6	36	2019		
	MATHEMATICS	SEC-3	Probability and Statistics	10	2	20	2019		
VI	MATHEMATICS	DSE-1B	Linear Programming	10	6	60	2020	9.40	Q
	PHYSICS	DSE-2B	Digital, Analog and Instrumentation	9	6	54	2020		
	CHEMISTRY	DSE-3B	Functional Group Organic Chemistry and Industrial Chemistry	10	6	60	2020		
	CHEMISTRY	SEC-4	Polymer Chemistry	7	2	14	2020		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 6.46						Letter Grade in CGPA : B+	Result : Q		

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 [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:

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



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

Name: PRATAP CHATTERJEE

Roll No. 170611210060

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of All Courses	Result Code
I	MATHEMATICS	CC-1A	Differential Calculus	5	6	30	2017	5.73	Q
	PHYSICS	CC-2A	Mechanics	6	6	36	2017		
	CHEMISTRY	CC-3A	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	MATHEMATICS	CC-1B	Differential Equations	7	6	42	2018	6.60	Q
	PHYSICS	CC-2B	Electricity and Magnetism	5	6	30	2018		
	CHEMISTRY	CC-3B	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	MATHEMATICS	CC-1C	Real Analysis	5	6	30	2018	6.00	Q
	PHYSICS	CC-2C	Thermal Physics and Statistical Mechanics	7	6	42	2018		
	CHEMISTRY	CC-3C	Chemical Energetic, Equilibria, Organic Chemistry	6	6	36	2018		
	MATHEMATICS	SEC-1	Integral Calculus	6	2	12	2018		
IV	MATHEMATICS	CC-1D	Algebra	4	6	24	2019	5.10	Q
	PHYSICS	CC-2D	Waves and Optics	5	6	30	2019		
	CHEMISTRY	CC-3D	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	6	6	36	2019		
	CHEMISTRY	SEC-2	Pharmaceutical Chemistry	6	2	12	2019		
V	MATHEMATICS	DSE-1A	Matrices	6	6	36	2019	5.90	Q
	PHYSICS	DSE-2A	Elements of Modern Physics	6	6	36	2019		
	CHEMISTRY	DSE-3A	Transition Metal & Co-ordination Chemistry, Analytical and Industrial Chemistry	5	6	30	2019		
	MATHEMATICS	SEC-3	Probability and Statistics	8	2	16	2019		
VI	MATHEMATICS	DSE-1B	Linear Programming	8	6	48	2020	8.40	Q
	PHYSICS	DSE-2B	Digital, Analog and Instrumentation	8	6	48	2020		
	CHEMISTRY	DSE-3B	Functional Group Organic Chemistry and Industrial Chemistry	10	6	60	2020		
	CHEMISTRY	SEC-4	Polymer Chemistry	6	2	12	2020		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 6.28						Letter Grade in CGPA : B+		Result : Q	

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 [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:

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



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

Name: **PRIYA CHATTOPADHAYAY**Roll No. **170611210061**

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of All Courses	Result Code
I	MATHEMATICS	CC-1A	Differential Calculus	4	6	24	2017	5.18	Q
	PHYSICS	CC-2A	Mechanics	5	6	30	2017		
	CHEMISTRY	CC-3A	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	MATHEMATICS	CC-1B	Differential Equations	8	6	48	2018	7.20	Q
	PHYSICS	CC-2B	Electricity and Magnetism	6	6	36	2018		
	CHEMISTRY	CC-3B	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	MATHEMATICS	CC-1C	Real Analysis	4	6	24	2018	6.60	Q
	PHYSICS	CC-2C	Thermal Physics and Statistical Mechanics	9	6	54	2018		
	CHEMISTRY	CC-3C	Chemical Energetic, Equilibria, Organic Chemistry	7	6	42	2018		
	MATHEMATICS	SEC-1	Integral Calculus	6	2	12	2018		
IV	MATHEMATICS	CC-1D	Algebra	4	6	24	2019	5.80	Q
	PHYSICS	CC-2D	Waves and Optics	6	6	36	2019		
	CHEMISTRY	CC-3D	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2019		
	CHEMISTRY	SEC-2	Pharmaceutical Chemistry	7	2	14	2019		
V	MATHEMATICS	DSE-1A	Matrices	6	6	36	2019	6.70	Q
	PHYSICS	DSE-2A	Elements of Modern Physics	7	6	42	2019		
	CHEMISTRY	DSE-3A	Transition Metal & Co-ordination Chemistry, Analytical and Industrial Chemistry	7	6	42	2019		
	MATHEMATICS	SEC-3	Probability and Statistics	7	2	14	2019		
VI	MATHEMATICS	DSE-1B	Linear Programming	9	6	54	2020	8.80	Q
	PHYSICS	DSE-2B	Digital, Analog and Instrumentation	8	6	48	2020		
	CHEMISTRY	DSE-3B	Functional Group Organic Chemistry and Industrial Chemistry	10	6	60	2020		
	CHEMISTRY	SEC-4	Polymer Chemistry	7	2	14	2020		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 6.69						Letter Grade in CGPA : B+	Result : Q		

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 [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:

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



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

Name: RAKHIBUL SHEIKH

Roll No. 170611210071

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of All Courses	Result Code
I	MATHEMATICS	CC-1A	Differential Calculus	6	6	36	2017	6.00	Q
	PHYSICS	CC-2A	Mechanics	6	6	36	2017		
	CHEMISTRY	CC-3A	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	MATHEMATICS	CC-1B	Differential Equations	8	6	48	2018	6.80	Q
	PHYSICS	CC-2B	Electricity and Magnetism	5	6	30	2018		
	CHEMISTRY	CC-3B	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	2018		
III	MATHEMATICS	CC-1C	Real Analysis	5	6	30	2018	5.50	Q
	PHYSICS	CC-2C	Thermal Physics and Statistical Mechanics	5	6	30	2018		
	CHEMISTRY	CC-3C	Chemical Energetic, Equilibria, Organic Chemistry	6	6	36	2018		
	MATHEMATICS	SEC-1	Integral Calculus	7	2	14	2018		
IV	MATHEMATICS	CC-1D	Algebra	4	6	24	2019	5.70	Q
	PHYSICS	CC-2D	Waves and Optics	6	6	36	2019		
	CHEMISTRY	CC-3D	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2019		
	CHEMISTRY	SEC-2	Pharmaceutical Chemistry	6	2	12	2019		
V	MATHEMATICS	DSE-1A	Matrices	6	6	36	2019	6.30	Q
	PHYSICS	DSE-2A	Elements of Modern Physics	6	6	36	2019		
	CHEMISTRY	DSE-3A	Transition Metal & Co-ordination Chemistry, Analytical and Industrial Chemistry	6	6	36	2019		
	MATHEMATICS	SEC-3	Probability and Statistics	9	2	18	2019		
VI	MATHEMATICS	DSE-1B	Linear Programming	7	6	42	2020	8.10	Q
	PHYSICS	DSE-2B	Digital, Analog and Instrumentation	9	6	54	2020		
	CHEMISTRY	DSE-3B	Functional Group Organic Chemistry and Industrial Chemistry	9	6	54	2020		
	CHEMISTRY	SEC-4	Polymer Chemistry	6	2	12	2020		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 6.39						Letter Grade in CGPA : B+		Result : Q	

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 [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:

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



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

Name: RIMA GARAI

Roll No. 170611210073

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of All Courses	Result Code
I	MATHEMATICS	CC-1A	Differential Calculus	5	6	30	2017	5.73	Q
	PHYSICS	CC-2A	Mechanics	5	6	30	2017		
	CHEMISTRY	CC-3A	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	MATHEMATICS	CC-1B	Differential Equations	7	6	42	2018	7.00	Q
	PHYSICS	CC-2B	Electricity and Magnetism	5	6	30	2018		
	CHEMISTRY	CC-3B	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	8	6	48	2018		
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2018		
III	MATHEMATICS	CC-1C	Real Analysis	4	6	24	2018	6.30	Q
	PHYSICS	CC-2C	Thermal Physics and Statistical Mechanics	8	6	48	2018		
	CHEMISTRY	CC-3C	Chemical Energetic, Equilibria, Organic Chemistry	7	6	42	2018		
	MATHEMATICS	SEC-1	Integral Calculus	6	2	12	2018		
IV	MATHEMATICS	CC-1D	Algebra	5	6	30	2019	5.90	Q
	PHYSICS	CC-2D	Waves and Optics	6	6	36	2019		
	CHEMISTRY	CC-3D	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2019		
	CHEMISTRY	SEC-2	Pharmaceutical Chemistry	5	2	10	2019		
V	MATHEMATICS	DSE-1A	Matrices	7	6	42	2019	7.30	Q
	PHYSICS	DSE-2A	Elements of Modern Physics	7	6	42	2019		
	CHEMISTRY	DSE-3A	Transition Metal & Co-ordination Chemistry, Analytical and Industrial Chemistry	8	6	48	2019		
	MATHEMATICS	SEC-3	Probability and Statistics	7	2	14	2019		
VI	MATHEMATICS	DSE-1B	Linear Programming	9	6	54	2020	9.10	Q
	PHYSICS	DSE-2B	Digital, Analog and Instrumentation	9	6	54	2020		
	CHEMISTRY	DSE-3B	Functional Group Organic Chemistry and Industrial Chemistry	10	6	60	2020		
	CHEMISTRY	SEC-4	Polymer Chemistry	7	2	14	2020		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 6.87						Letter Grade in CGPA : B+	Result : Q		

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 [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:

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



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

Name: SUMIT SINHA

Roll No. 170611210108

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of All Courses	Result Code
I	MATHEMATICS	CC-1A	Differential Calculus	5	6	30	2017	5.18	Q
	PHYSICS	CC-2A	Mechanics	5	6	30	2017		
	CHEMISTRY	CC-3A	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	5	6	30	2017		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017		
II	MATHEMATICS	CC-1B	Differential Equations	7	6	42	2018	6.40	Q
	PHYSICS	CC-2B	Electricity and Magnetism	6	6	36	2018		
	CHEMISTRY	CC-3B	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	MATHEMATICS	CC-1C	Real Analysis	4	6	24	2018	4.60	Q
	PHYSICS	CC-2C	Thermal Physics and Statistical Mechanics	5	6	30	2018		
	CHEMISTRY	CC-3C	Chemical Energetic, Equilibria, Organic Chemistry	4	6	24	2018		
	MATHEMATICS	SEC-1	Integral Calculus	7	2	14	2018		
IV	MATHEMATICS	CC-1D	Algebra	4	6	24	2019	5.30	Q
	PHYSICS	CC-2D	Waves and Optics	6	6	36	2019		
	CHEMISTRY	CC-3D	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	5	6	30	2019		
	CHEMISTRY	SEC-2	Pharmaceutical Chemistry	8	2	16	2019		
V	MATHEMATICS	DSE-1A	Matrices	6	6	36	2019	6.20	Q
	PHYSICS	DSE-2A	Elements of Modern Physics	6	6	36	2019		
	CHEMISTRY	DSE-3A	Transition Metal & Co-ordination Chemistry, Analytical and Industrial Chemistry	6	6	36	2019		
	MATHEMATICS	SEC-3	Probability and Statistics	8	2	16	2019		
VI	MATHEMATICS	DSE-1B	Linear Programming	9	6	54	2020	9.10	Q
	PHYSICS	DSE-2B	Digital, Analog and Instrumentation	9	6	54	2020		
	CHEMISTRY	DSE-3B	Functional Group Organic Chemistry and Industrial Chemistry	10	6	60	2020		
	CHEMISTRY	SEC-4	Polymer Chemistry	7	2	14	2020		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 6.11						Letter Grade in CGPA : B+		Result : Q	

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 [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:

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



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

Name: SHREYASI DEY

Roll No. 170612210049

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of All Courses	Result Code
I	PHYSICS	CC-1A	Mechanics	4	6	24	2017	4.36	Q
	MATHEMATICS	CC-2A	Differential Calculus	4	6	24	2018		
	STATISTICS	CC-3A	Statistical Methods	4	6	24	2017		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017		
II	PHYSICS	CC-1B	Electricity and Magnetism	7	6	42	2018	5.70	Q
	MATHEMATICS	CC-2B	Differential Equations	5	6	30	2018		
	STATISTICS	CC-3B	Introductory Probability	4	6	24	2019		
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018		
III	PHYSICS	CC-1C	Thermal Physics and Statistical Mechanics	6	6	36	2018	SNC	SNC
	MATHEMATICS	CC-2C	Real Analysis	NA	6	NA			
	STATISTICS	CC-3C	Basics of Statistical Inference	4	6	24	2018		
	PHYSICS	SEC-1	Renewable Energy and Energy Harvesting	5	2	10	2018		
IV	PHYSICS	CC-1D	Waves and Optics	5	6	30	2019	SNC	SNC
	MATHEMATICS	CC-2D	Algebra	4	6	24	2019		
	STATISTICS	CC-3D	Applied Statistics	4	6	24	2019		
	MATHEMATICS	SEC-2	Vector Calculus	NA	2	NA			
V	PHYSICS	DSE-1A	Elements of Modern Physics	5	6	30	2019	SNC	SNC
	MATHEMATICS	DSE-2A	Matrices	NA	6	NA			
	STATISTICS	DSE-3A	Probability and Probability Distributions -II	6	6	36	2019		
	MATHEMATICS	SEC-3	Probability and Statistics	NA	2	NA			
VI	PHYSICS	DSE-1B	Digital, Analog and Instrumentation	9	6	54	2020	8.40	Q
	MATHEMATICS	DSE-2B	Linear Programming	7	6	42	2020		
	STATISTICS	DSE-3B	Demography and Vital Statistics	9	6	54	2020		
	PHYSICS	SEC-4	Electrical Circuits and Network Skills	9	2	18	2020		
CGPA (Cumulative Grade Point Average) on the basis of All Courses :						Letter Grade in CGPA :		Result : PNC	

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 [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:

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



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

Name: ALOKESH SAHA

Roll No. 170640510006

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of All Courses	Result Code
I	PHYSICS	CC-1A	Mechanics	4	6	24	2017	4.91	Q
	CHEMISTRY	CC-2A	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	5	6	30	2017		
	MATHEMATICS	CC-3A	Differential Calculus	5	6	30	2017		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017		
II	PHYSICS	CC-1B	Electricity and Magnetism	5	6	30	2018	5.40	Q
	CHEMISTRY	CC-2B	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	5	6	30	2018		
	MATHEMATICS	CC-3B	Differential Equations	5	6	30	2018		
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018		
III	PHYSICS	CC-1C	Thermal Physics and Statistical Mechanics	5	6	30	2018	SNC	
	CHEMISTRY	CC-2C	Chemical Energetic, Equilibria, Organic Chemistry	NC	6	NC			
	MATHEMATICS	CC-3C	Real Analysis	NC	6	NC			
	MATHEMATICS	SEC-1	Integral Calculus	4	2	8	2018		
IV	PHYSICS	CC-1D	Waves and Optics	4	6	24	2019	4.50	Q
	CHEMISTRY	CC-2D	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	5	6	30	2019		
	MATHEMATICS	CC-3D	Algebra	4	6	24	2019		
	PHYSICS	SEC-2	Weather Forecasting	6	2	12	2019		
V	PHYSICS	DSE-1A	Elements of Modern Physics	NC	6	NC		SNC	
	CHEMISTRY	DSE-2A	Transition Metal & Co-ordination Chemistry, Analytical and Industrial Chemistry	5	6	30	2019		
	MATHEMATICS	DSE-3A	Matrices	NA	6	NA			
	MATHEMATICS	SEC-3	Probability and Statistics	NC	2	NC			
VI	PHYSICS	DSE-1B	Digital, Analog and Instrumentation	7	6	42	2020	8.00	Q
	CHEMISTRY	DSE-2B	Functional Group Organic Chemistry and Industrial Chemistry	8	6	48	2020		
	MATHEMATICS	DSE-3B	Numerical Methods	9	6	54	2020		
	PHYSICS	SEC-4	Electrical Circuits and Network Skills	8	2	16	2020		
CGPA (Cumulative Grade Point Average) on the basis of All Courses :						Letter Grade in CGPA :	Result : PNC		

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 [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:

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



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

Name: ANJALI KUMARI

Roll No. 17064051009

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of All Courses	Result Code
I	MATHEMATICS	CC-1A	Differential Calculus	5	6	30	2017	5.36	Q
	PHYSICS	CC-2A	Mechanics	5	6	30	2017		
	CHEMISTRY	CC-3A	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	5	6	30	2017		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017		
II	MATHEMATICS	CC-1B	Differential Equations	6	6	36	2018	6.00	Q
	PHYSICS	CC-2B	Electricity and Magnetism	6	6	36	2018		
	CHEMISTRY	CC-3B	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	5	6	30	2018		
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2018		
III	MATHEMATICS	CC-1C	Real Analysis	6	6	36	2018	5.40	Q
	PHYSICS	CC-2C	Thermal Physics and Statistical Mechanics	5	6	30	2018		
	CHEMISTRY	CC-3C	Chemical Energetic, Equilibria, Organic Chemistry	5	6	30	2018		
	MATHEMATICS	SEC-1	Integral Calculus	6	2	12	2018		
IV	MATHEMATICS	CC-1D	Algebra	4	6	24	2019	5.60	Q
	PHYSICS	CC-2D	Waves and Optics	5	6	30	2019		
	CHEMISTRY	CC-3D	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2019		
	MATHEMATICS	SEC-2	Vector Calculus	8	2	16	2019		
V	MATHEMATICS	DSE-1A	Mechanics	4	6	24	2019	6.30	Q
	PHYSICS	DSE-2A	Elements of Modern Physics	7	6	42	2019		
	CHEMISTRY	DSE-3A	Transition Metal & Co-ordination Chemistry, Analytical and Industrial Chemistry	8	6	48	2019		
	PHYSICS	SEC-3	Computational Physics Skills	6	2	12	2019		
VI	MATHEMATICS	DSE-1B	Numerical Methods	9	6	54	2020	8.20	Q
	PHYSICS	DSE-2B	Digital, Analog and Instrumentation	7	6	42	2020		
	CHEMISTRY	DSE-3B	Functional Group Organic Chemistry and Industrial Chemistry	9	6	54	2020		
	PHYSICS	SEC-4	Electrical Circuits and Network Skills	7	2	14	2020		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 6.13						Letter Grade in CGPA : B+		Result : Q	

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 [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:

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



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

Name: KHUSBU CHAUHAN

Roll No. 170640510017

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of All Courses	Result Code
I	PHYSICS	CC-1A	Mechanics	4	6	24	2017	5.09	Q
	CHEMISTRY	CC-2A	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	5	6	30	2017		
	MATHEMATICS	CC-3A	Differential Calculus	5	6	30	2017		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017		
II	PHYSICS	CC-1B	Electricity and Magnetism	5	6	30	2018	5.30	Q
	CHEMISTRY	CC-2B	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	5	6	30	2018		
	MATHEMATICS	CC-3B	Differential Equations	5	6	30	2018		
	Communicative English/MIL	AECC-2	Communicative English	8	2	16	2018		
III	PHYSICS	CC-1C	Thermal Physics and Statistical Mechanics	5	6	30	2018	4.80	Q
	CHEMISTRY	CC-2C	Chemical Energetic, Equilibria, Organic Chemistry	5	6	30	2018		
	MATHEMATICS	CC-3C	Real Analysis	4	6	24	2018		
	MATHEMATICS	SEC-1	Integral Calculus	6	2	12	2018		
IV	PHYSICS	CC-1D	Waves and Optics	4	6	24	2019	5.00	Q
	CHEMISTRY	CC-2D	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	6	6	36	2019		
	MATHEMATICS	CC-3D	Algebra	4	6	24	2019		
	MATHEMATICS	SEC-2	Vector Calculus	8	2	16	2019		
V	PHYSICS	DSE-1A	Elements of Modern Physics	6	6	36	2019	SNC	
	CHEMISTRY	DSE-2A	Transition Metal & Co-ordination Chemistry, Analytical and Industrial Chemistry	7	6	42	2019		
	MATHEMATICS	DSE-3A	Mechanics	NA	6	NA			
	PHYSICS	SEC-3	Computational Physics Skills	7	2	14	2019		
VI	PHYSICS	DSE-1B	Digital, Analog and Instrumentation	6	6	36	2020	8.00	Q
	CHEMISTRY	DSE-2B	Functional Group Organic Chemistry and Industrial Chemistry	8	6	48	2020		
	MATHEMATICS	DSE-3B	Numerical Methods	10	6	60	2020		
	PHYSICS	SEC-4	Electrical Circuits and Network Skills	8	2	16	2020		
CGPA (Cumulative Grade Point Average) on the basis of All Courses :						Letter Grade in CGPA :	Result : PNC		

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 [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:

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



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

Name: KIRANTANU GHOSH

Roll No. 170640510018

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of All Courses	Result Code
I	PHYSICS	CC-1A	Mechanics	4	6	24	2017	5.09	Q
	CHEMISTRY	CC-2A	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	5	6	30	2017		
	MATHEMATICS	CC-3A	Differential Calculus	5	6	30	2017		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017		
II	PHYSICS	CC-1B	Electricity and Magnetism	5	6	30	2019	SNC	SNC
	CHEMISTRY	CC-2B	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	NA	6	NA			
	MATHEMATICS	CC-3B	Differential Equations	5	6	30	2018		
	Communicative English/MIL	AECC-2	Communicative English	7	2	14	2018		
III	PHYSICS	CC-1C	Thermal Physics and Statistical Mechanics	5	6	30	2018	4.80	Q
	CHEMISTRY	CC-2C	Chemical Energetic, Equilibria, Organic Chemistry	5	6	30	2018		
	MATHEMATICS	CC-3C	Real Analysis	4	6	24	2018		
	PHYSICS	SEC-1	Renewable Energy and Energy Harvesting	6	2	12	2019		
IV	PHYSICS	CC-1D	Waves and Optics	NA	6	NA		SNC	SNC
	CHEMISTRY	CC-2D	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	5	6	30	2019		
	MATHEMATICS	CC-3D	Algebra	4	6	24	2019		
	MATHEMATICS	SEC-2	Vector Calculus	7	2	14	2019		
V	PHYSICS	DSE-1A	Elements of Modern Physics	5	6	30	2019	5.00	Q
	CHEMISTRY	DSE-2A	Transition Metal & Co-ordination Chemistry, Analytical and Industrial Chemistry	6	6	36	2019		
	MATHEMATICS	DSE-3A	Linear Algebra	4	6	24	2019		
	MATHEMATICS	SEC-3	Probability and Statistics	5	2	10	2019		
VI	PHYSICS	DSE-1B	Digital, Analog and Instrumentation	7	6	42	2020	7.80	Q
	CHEMISTRY	DSE-2B	Functional Group Organic Chemistry and Industrial Chemistry	8	6	48	2020		
	MATHEMATICS	DSE-3B	Numerical Methods	8	6	48	2020		
	PHYSICS	SEC-4	Electrical Circuits and Network Skills	9	2	18	2020		
CGPA (Cumulative Grade Point Average) on the basis of All Courses :						Letter Grade in CGPA :	Result : PNC		

Date of Publication of Result : 29.10.2020

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

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [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:

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



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

Name: RAHUL HALDER

Roll No. 170640510028

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of All Courses	Result Code
I	PHYSICS	CC-1A	Mechanics	5	6	30	2017	5.91	Q
	CHEMISTRY	CC-2A	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	7	6	42	2017		
	MATHEMATICS	CC-3A	Differential Calculus	5	6	30	2017		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017		
II	PHYSICS	CC-1B	Electricity and Magnetism	4	6	24	2018	5.00	Q
	CHEMISTRY	CC-2B	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	5	6	30	2018		
	MATHEMATICS	CC-3B	Differential Equations	5	6	30	2018		
	Communicative English/MIL	AECC-2	Communicative English	8	2	16	2018		
III	PHYSICS	CC-1C	Thermal Physics and Statistical Mechanics	5	6	30	2018	4.80	Q
	CHEMISTRY	CC-2C	Chemical Energetic, Equilibria, Organic Chemistry	4	6	24	2018		
	MATHEMATICS	CC-3C	Real Analysis	5	6	30	2019		
	PHYSICS	SEC-1	Renewable Energy and Energy Harvesting	6	2	12	2018		
IV	PHYSICS	CC-1D	Waves and Optics	4	6	24	2019	4.60	Q
	CHEMISTRY	CC-2D	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	5	6	30	2019		
	MATHEMATICS	CC-3D	Algebra	4	6	24	2019		
	MATHEMATICS	SEC-2	Vector Calculus	7	2	14	2019		
V	PHYSICS	DSE-1A	Elements of Modern Physics	6	6	36	2019	6.00	Q
	CHEMISTRY	DSE-2A	Transition Metal & Co-ordination Chemistry, Analytical and Industrial Chemistry	7	6	42	2019		
	MATHEMATICS	DSE-3A	Linear Algebra	5	6	30	2019		
	MATHEMATICS	SEC-3	Probability and Statistics	6	2	12	2019		
VI	PHYSICS	DSE-1B	Digital, Analog and Instrumentation	7	6	42	2020	7.60	Q
	CHEMISTRY	DSE-2B	Functional Group Organic Chemistry and Industrial Chemistry	9	6	54	2020		
	MATHEMATICS	DSE-3B	Numerical Methods	7	6	42	2020		
	PHYSICS	SEC-4	Electrical Circuits and Network Skills	7	2	14	2020		
CGPA (Cumulative Grade Point Average) on the basis of All Courses						5.66	Letter Grade in CGPA : B	Result : Q	

Date of Publication of Result : 29.10.2020

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

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q - Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [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:

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



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

Name: RAHUL KUMAR SHAW

Roll No. 170640510029

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of All Courses	Result Code
I	PHYSICS	CC-1A	Mechanics	4	6	24	2017	4.55	Q
	CHEMISTRY	CC-2A	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	4	6	24	2017		
	MATHEMATICS	CC-3A	Differential Calculus	4	6	24	2017		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017		
II	PHYSICS	CC-1B	Electricity and Magnetism	4	6	24	2018	4.60	Q
	CHEMISTRY	CC-2B	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	4	6	24	2018		
	MATHEMATICS	CC-3B	Differential Equations	5	6	30	2018		
	Communicative English/MIL	AECC-2	Communicative English	7	2	14	2018		
III	PHYSICS	CC-1C	Thermal Physics and Statistical Mechanics	4	6	24	2018	SNC	
	CHEMISTRY	CC-2C	Chemical Energetic, Equilibria, Organic Chemistry	NA	6	NA			
	MATHEMATICS	CC-3C	Real Analysis	4	6	24	2018		
	MATHEMATICS	SEC-1	Analytical Geometry	6	2	12	2018		
IV	PHYSICS	CC-1D	Waves and Optics	NA	6	NA		SNC	
	CHEMISTRY	CC-2D	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	6	6	36	2019		
	MATHEMATICS	CC-3D	Algebra	4	6	24	2019		
	MATHEMATICS	SEC-2	Vector Calculus	5	2	10	2019		
V	PHYSICS	DSE-1A	Elements of Modern Physics	6	6	36	2019	5.30	Q
	CHEMISTRY	DSE-2A	Transition Metal & Co-ordination Chemistry, Analytical and Industrial Chemistry	6	6	36	2019		
	MATHEMATICS	DSE-3A	Linear Algebra	4	6	24	2019		
	PHYSICS	SEC-3	Computational Physics Skills	5	2	10	2019		
VI	PHYSICS	DSE-1B	Digital, Analog and Instrumentation	8	6	48	2020	8.00	Q
	CHEMISTRY	DSE-2B	Functional Group Organic Chemistry and Industrial Chemistry	7	6	42	2020		
	MATHEMATICS	DSE-3B	Numerical Methods	9	6	54	2020		
	PHYSICS	SEC-4	Electrical Circuits and Network Skills	8	2	16	2020		
CGPA (Cumulative Grade Point Average) on the basis of All Courses :						Letter Grade in CGPA :	Result : PNC		

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 [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:

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



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

Name: SALEH TAUHEED MURTAZA

Roll No. 170640510032

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of All Courses	Result Code
I	PHYSICS	CC-1A	Mechanics	4	6	24	2017	5.36	Q
	CHEMISTRY	CC-2A	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	5	6	30	2017		
	MATHEMATICS	CC-3A	Differential Calculus	6	6	36	2017		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017		
II	PHYSICS	CC-1B	Electricity and Magnetism	6	6	36	2018	5.90	Q
	CHEMISTRY	CC-2B	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	5	6	30	2018		
	MATHEMATICS	CC-3B	Differential Equations	7	6	42	2018		
	Communicative English/MIL	AECC-2	Urdu	5	2	10	2018		
III	PHYSICS	CC-1C	Thermal Physics and Statistical Mechanics	5	6	30	2018	4.70	Q
	CHEMISTRY	CC-2C	Chemical Energetic, Equilibria, Organic Chemistry	4	6	24	2018		
	MATHEMATICS	CC-3C	Real Analysis	4	6	24	2018		
	MATHEMATICS	SEC-1	Integral Calculus	8	2	16	2018		
IV	PHYSICS	CC-1D	Waves and Optics	NA	6	NA		SNC	
	CHEMISTRY	CC-2D	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	6	6	36	2019		
	MATHEMATICS	CC-3D	Algebra	4	6	24	2019		
	MATHEMATICS	SEC-2	Vector Calculus	9	2	18	2019		
V	PHYSICS	DSE-1A	Elements of Modern Physics	7	6	42	2019	5.90	Q
	CHEMISTRY	DSE-2A	Transition Metal & Co-ordination Chemistry, Analytical and Industrial Chemistry	6	6	36	2019		
	MATHEMATICS	DSE-3A	Linear Algebra	5	6	30	2019		
	PHYSICS	SEC-3	Computational Physics Skills	5	2	10	2019		
VI	PHYSICS	DSE-1B	Digital, Analog and Instrumentation	8	6	48	2020	8.60	Q
	CHEMISTRY	DSE-2B	Functional Group Organic Chemistry and Industrial Chemistry	8	6	48	2020		
	MATHEMATICS	DSE-3B	Numerical Methods	10	6	60	2020		
	PHYSICS	SEC-4	Electrical Circuits and Network Skills	8	2	16	2020		
CGPA (Cumulative Grade Point Average) on the basis of All Courses :						Letter Grade in CGPA :	Result : PNC		

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 [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:

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



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

Name: UDDIPAN MONDAL

Roll No. 170640910058

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of All Courses	Result Code
I	PHYSICS	CC-1A	Mechanics	6	6	36	2017	6.00	Q
	MATHEMATICS	CC-2A	Differential Calculus	5	6	30	2017		
	CHEMISTRY	CC-3A	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	PHYSICS	CC-1B	Electricity and Magnetism	6	6	36	2018	SNC	SNC
	MATHEMATICS	CC-2B	Differential Equations	NA	6	NA			
	CHEMISTRY	CC-3B	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	NC	6	NC			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018		
III	PHYSICS	CC-1C	Thermal Physics and Statistical Mechanics	5	6	30	2018	4.90	Q
	MATHEMATICS	CC-2C	Real Analysis	4	6	24	2018		
	CHEMISTRY	CC-3C	Chemical Energetic, Equilibria, Organic Chemistry	6	6	36	2018		
	CHEMISTRY	SEC-1	Analytical Clinical Biochemistry	4	2	8	2018		
IV	PHYSICS	CC-1D	Waves and Optics	4	6	24	2019	4.60	Q
	MATHEMATICS	CC-2D	Algebra	4	6	24	2019		
	CHEMISTRY	CC-3D	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	5	6	30	2019		
	PHYSICS	SEC-2	Weather Forecasting	7	2	14	2019		
V	PHYSICS	DSE-1A	Elements of Modern Physics	6	6	36	2019	SNC	SNC
	MATHEMATICS	DSE-2A	Linear Algebra	NA	6	NA			
	CHEMISTRY	DSE-3A	Transition Metal & Co-ordination Chemistry, Analytical and Industrial Chemistry	7	6	42	2019		
	CHEMISTRY	SEC-3	Basics & Application of Computer in Chemistry	8	2	16	2019		
VI	PHYSICS	DSE-1B	Digital, Analog and Instrumentation	8	6	48	2020	8.60	Q
	MATHEMATICS	DSE-2B	Linear Programming	9	6	54	2020		
	CHEMISTRY	DSE-3B	Functional Group Organic Chemistry and Industrial Chemistry	9	6	54	2020		
	PHYSICS	SEC-4	Electrical Circuits and Network Skills	8	2	16	2020		
CGPA (Cumulative Grade Point Average) on the basis of All Courses :						Letter Grade in CGPA :	Result : PNC		

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 [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:

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



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

Name: SUMANA NANDI

Roll No. 170641410009

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of All Courses	Result Code
I	CHEMISTRY	CC-1A	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	8	6	48	2017	6.91	Q
	MATHEMATICS	CC-2A	Differential Calculus	8	6	48	2017		
	PHYSICS	CC-3A	Mechanics	6	6	36	2017		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	5	4	20	2017		
II	CHEMISTRY	CC-1B	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	8	6	48	2018	8.10	Q
	MATHEMATICS	CC-2B	Differential Equations	9	6	54	2018		
	PHYSICS	CC-3B	Electricity and Magnetism	7	6	42	2018		
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018		
III	CHEMISTRY	CC-1C	Chemical Energetic, Equilibria, Organic Chemistry	8	6	48	2018	8.00	Q
	MATHEMATICS	CC-2C	Real Analysis	7	6	42	2018		
	PHYSICS	CC-3C	Thermal Physics and Statistical Mechanics	9	6	54	2018		
	PHYSICS	SEC-1	Renewable Energy and Energy Harvesting	8	2	16	2018		
IV	CHEMISTRY	CC-1D	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2019	6.50	Q
	MATHEMATICS	CC-2D	Algebra	6	6	36	2019		
	PHYSICS	CC-3D	Waves and Optics	6	6	36	2019		
	MATHEMATICS	SEC-2	Vector Calculus	8	2	16	2019		
V	CHEMISTRY	DSE-1A	Transition Metal & Co-ordination Chemistry, Analytical and Industrial Chemistry	8	6	48	2019	6.70	Q
	MATHEMATICS	DSE-2A	Linear Algebra	5	6	30	2019		
	PHYSICS	DSE-3A	Elements of Modern Physics	7	6	42	2019		
	MATHEMATICS	SEC-3	Probability and Statistics	7	2	14	2019		
VI	CHEMISTRY	DSE-1B	Functional Group Organic Chemistry and Industrial Chemistry	10	6	60	2020	9.60	Q
	MATHEMATICS	DSE-2B	Linear Programming	10	6	60	2020		
	PHYSICS	DSE-3B	Digital, Analog and Instrumentation	9	6	54	2020		
	PHYSICS	SEC-4	Electrical Circuits and Network Skills	9	2	18	2020		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.62						Letter Grade in CGPA : A		Result : Q	

Date of Publication of Result : 29.10.2020

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

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

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 [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:

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



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

Name: PIJUSH BHAKTA

Roll No. 170641510013

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of All Courses	Result Code
I	PHYSICS	CC-1A	Mechanics	5	6	30	2017	4.91	Q
	CHEMISTRY	CC-2A	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	5	6	30	2017		
	MATHEMATICS	CC-3A	Differential Calculus	4	6	24	2019		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017		
II	PHYSICS	CC-1B	Electricity and Magnetism	6	6	36	2018	SNC	SNC
	CHEMISTRY	CC-2B	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	5	6	30	2018		
	MATHEMATICS	CC-3B	Differential Equations	NA	6	NA			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018		
III	PHYSICS	CC-1C	Thermal Physics and Statistical Mechanics	7	6	42	2018	5.70	Q
	CHEMISTRY	CC-2C	Chemical Energetic, Equilibria, Organic Chemistry	5	6	30	2018		
	MATHEMATICS	CC-3C	Real Analysis	5	6	30	2018		
	PHYSICS	SEC-1	Renewable Energy and Energy Harvesting	6	2	12	2018		
IV	PHYSICS	CC-1D	Waves and Optics	6	6	36	2019	5.40	Q
	CHEMISTRY	CC-2D	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	5	6	30	2019		
	MATHEMATICS	CC-3D	Algebra	4	6	24	2019		
	PHYSICS	SEC-2	Weather Forecasting	9	2	18	2019		
V	PHYSICS	DSE-1A	Elements of Modern Physics	9	6	54	2019	SNC	SNC
	CHEMISTRY	DSE-2A	Transition Metal & Co-ordination Chemistry, Analytical and Industrial Chemistry	8	6	48	2019		
	MATHEMATICS	DSE-3A	Linear Algebra	NA	6	NA			
	CHEMISTRY	SEC-3	Basics & Application of Computer in Chemistry	9	2	18	2019		
VI	PHYSICS	DSE-1B	Digital, Analog and Instrumentation	9	6	54	2020	8.80	Q
	CHEMISTRY	DSE-2B	Functional Group Organic Chemistry and Industrial Chemistry	10	6	60	2020		
	MATHEMATICS	DSE-3B	Linear Programming	7	6	42	2020		
	CHEMISTRY	SEC-4	Polymer Chemistry	10	2	20	2020		
CGPA (Cumulative Grade Point Average) on the basis of All Courses :						Letter Grade in CGPA :	Result : PNC		

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 [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:

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