

## THE UNIVERSITY OF BURDWAN

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

Name: **AMRITA MONDAL** Registration No. **201801001239** of **2018-19** Roll No. **180310400013** 

| B.Sc. Honours in Mathematics (CBCS)   |                              |        |  |              |                        |                |                            |                      |                |        |
|---|------------------------------|--------|--|--------------|------------------------|----------------|----------------------------|----------------------|----------------|--------|
| Semester<br>No.   | Subject                      | Course | Course Title   | Grade<br>(G) | Credit<br>Value<br>(V) | Grade<br>Point | Credit<br>Retained<br>Year | SGPA on the basis of |                | Result |
|   |                              | Code   | Course Title   |              |                        | (GxV)          |                            | CCs &<br>DSEs        | All<br>Courses | Code   |
| I   | MATHEMATICS                  | CC-1   | Calculus, Geometry & Differential Equations  | 8            | 6                      | 48             | 2018                       |                      | 7.27           | Q      |
|   |                              | CC-2   | Algebra  | 6            | 6                      | 36             | 2018                       | 7.00                 |                |        |
|   | PHYSICS                      | GE-1   | Mechanics  | 8            | 6                      | 48             | 2018                       | 7.00                 | 7.27           | Q      |
|   | ENVIRONMENTAL<br>STUDIES     | AECC-1 | Fundamentals of Environmental Studies  | 7            | 4                      | 28             | 2018                       |                      |                |        |
|   | MATHEMATICS                  | CC-3   | Real Analysis  | 9            | 6                      | 54             | 2019                       |                      |                |        |
| II  |                              | CC-4   | Differential Equations and Vector 9 6  |              | 54                     | 2019           | 9.00                       | 9.10                 | 0              |        |
|   | PHYSICS                      | GE-2   | Electricity and Magnetism  | 9            | 6                      | 54             | 2019                       | 9.10                 | Q              |        |
|   | Communicative<br>English/MIL | AECC-2 | Bengali  | 10           | 2                      | 20             | 2019                       |                      |                |        |
| Ш   | MATHEMATICS                  | CC-5   | Theory of Real Functions &<br>Introduction to Metric Spaces                                    | 9            | 6                      | 54             | 2019                       |                      |                |        |
|   |                              | CC-6   | Group Theory I   | 9            | 6                      | 54             | 2019                       |                      |                |        |
|   |                              | CC-7   | Numerical Methods  |              | 6                      | 48             | 2019                       | 8.67                 | 8.54           | Q      |
|   | CHEMISTRY                    | GE-3   | Chemical Energetic, Equilibria,<br>Organic Chemistry   | 8            | 6                      | 48             | 2019                       |                      |                |        |
|   | MATHEMATICS                  | SEC-1  | Logic and Sets   | 9            | 2                      | 18             | 2019                       |                      |                |        |
| IV  | MATHEMATICS                  | CC-8   | Riemann Integration and Series of Functions  | 9            | 6                      | 54             | 2020                       |                      |                |        |
|   |                              | CC-9   | Multivariate Calculus  | 9            | 6                      | 54             | 2020                       |                      |                |        |
|   |                              | CC-10  | Ring Theory and Linear Algebra I   | 10           | 6                      | 60             | 2020                       |                      |                |        |
|   | CHEMISTRY                    | GE-4   | Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry |              | 6                      | 60             | 2020                       | 9.33                 | 9.54           | Q      |
|   | MATHEMATICS                  | SEC-2  | Graph Theory   | 10           | 2                      | 20             | 2020                       |                      |                |        |
| V   | MATHEMATICS                  | CC-11  | Partial Differential Equations and<br>Applications   | 10           | 6                      | 60             | 2020                       |                      | 10.00          | Q      |
|   |                              | CC-12  | Mechanics I  | 10           | 6                      | 60             | 2020                       | 10.00                |                |        |
|   | MATHEMATICS                  | DSE-1  | Linear Programming   |              | 6                      | 60             | 2020                       |                      |                |        |
|   |                              | DSE-2  | Probability & Statistics   | 10           | 6                      | 60             | 2020                       |                      |                |        |
|   | MATHEMATICS                  | CC-13  | Metric Spaces and Complex Analysis   | 10           | 6                      | 60             | 2021                       |                      | 10.00          | Q      |
| VI  |                              | CC-14  | Ring Theory and Linear Algebra II  | 10           | 6                      | 60             | 2021                       | 10.00                |                |        |
|   | MATHEMATICS                  | DSE-3  | Group Theory II  |              | 6                      | 60             | 2021                       | 10.00                | 10.00          | Ų      |
|   | MATTIEMATICS                 | DSE-4  | Mechanics II   | 10           | 6                      | 60             | 2021                       |                      |                |        |
| CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs: 9.22  CGPA (Cumulative Grade Point Average) on the basis of All Courses: 9.10  Resu |                              |        |  |              |                        |                | Resu                       | lt : Q               |                |        |

Date of Publication of Result: 26.08.2021

$$SGPA\left(S\right) = \frac{\sum\limits_{i=1}^{n} \left(G_{i} \times V_{i}\right)}{\sum\limits_{i=1}^{n} V_{i}} \qquad CGPA = \frac{\sum\limits_{i=1}^{N} \left(V_{i} \times S_{i}\right)}{\sum\limits_{i=1}^{N} V_{i}}$$

Anindya zosti Pal

Controller of the Examinations

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

| 90% to 100%                 | 10 | 80% and above but below 90% | 9                | Percentage of Conversion Formula:<br>= (SGPA or CGPA × 10) - 5.0 |
|-----------------------------|----|-----------------------------|------------------|--|
| 70% and above but below 80% | 8  | 60% and above but below 70% | 7                | *Letter Grade in CGPA is awarded on the                          |
| 50% and above but below 60% | 6  | 40% and above but below 50% | 5                | basis of CCs and DSEs  |
| 35% and above but below 40% | 4  | Below 35%                   | Not Awarded (NA) |  |