

GOUR MAHAVIDYALAYA

DEPARTMENT OF MATHEMATICS

ACCREDITED BY NAAC (3rd cycle) B⁺⁺

Dr. Rakesh Sarkar, Ph.D.

Head

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Memo No: GM/MATH/0004/26

Date: 08.01.2026

NOTICE

Subject: Submission of Mathematics (MDC) Assignment – Semester I

- All students who have opted for **Mathematics as MDC in Semester I** are hereby informed that they must submit their assignment **27th January 2026**

Submission Guidelines:

✦ **Cover Page:** Must include:

- Student's Name
- Roll Number
- Course Name (Mathematics MDC – Semester I)
- College Name
- Assignment Title

✦ **Required Pages:**

- Title Page
- Content Page
- Acknowledgment Page
- Main Content (at least 12 pages)
- Reference Page

Late submissions will **not** be accepted. Ensure that your assignment is well-organized, properly formatted, and complete before submission.

For any queries, contact Department of Mathematics.

The assignment topics are attached. Each student must complete the assignment on their assigned topic.

(Dr. Rakesh Sarkar)

HoD

Department of Mathematics,
Gour Mahavidyalaya,
Mangalbari, Malda.

Head of the Deptt.
Deptt. of Mathematics
Gour Mahavidyalaya
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Topic Distribution

Sl. No	Name	Assigned Topic
1	Beuty Mardi	Introduction to sets and their representations, permutation and combination
2	Noor Afsana	The empty set, finite and infinite sets, equal sets, subsets, power set, and Universal set
3	Faija Anika	Union, intersection, difference, complement of sets, Venn-diagram
4	Zannatun Nesha	De-Morgan's laws, Symmetric difference, Cartesian product of sets.
5	Itu Mandal	Simple problems based on set theory, logarithmic and exponential functions,
6	Ananya Sen	Venn-diagram and their applications, Symmetric and Skew Symmetric Matrices
7	Nazmi Kalimi	Complex number, Polar representation of complex numbers
8	Ankita Chaterjee	De Moivre's theorem (without proof) for rational indices and their applications
9	Mousumi Pramanik	Definition of a Matrix, Types of Matrices, Cramer's Rule for solving systems of linear equations
10	Sahasa Das	Elementary operations on Matrices, De-Morgan's laws, subsets, power set, and Universal set
11	Shrayasa Das	Properties of determinants, Cofactors, and minor of a determinant, Transpose and Adjoint of a matrix
12	Swastika Das	Functions, domain and co-domain, Symmetric and Skew Symmetric Matrices
13	Mahafuzur Rahaman	Inverse of a matrix, periodic functions, trigonometric functions,
14	Md. Salman Ali	Solution of system of linear equations (up to third order) using matrix inversion method
15	Tohidur Rahaman	Determinant of a square matrix (up to third order),Cramer's Rule for solving systems of linear equations
16	Sayna Parveen	Determinant of a square matrix (up to third order),Cramer's Rule for solving systems of linear equations
17	Anisha Ai Shah	Properties of determinants, Cofactors, and minor of a determinant, Transpose and Adjoint of a matrix
18	Suhana Khatun	Relations, equivalence relations, congruence relations
19	Ranjit Ghosh	Functions, domain and co-domain, one-to-one and onto functions, bijective functions, inverse function.
20	Rohit Sarkar	Determinant of a square matrix (up to third order), Transpose and Adjoint of a matrix, Symmetric and Skew Symmetric Matrices

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Sl. No	Name	Assigned Topic
21	Adarsha Mandal	Introduction to sets and their representations, permutation and combination
22	Raja Hossain	The empty set, finite and infinite sets, equal sets, subsets, power set, and Universal set
23	Kumaresh Karmakar	Union, intersection, difference, complement of sets, Venn-diagram
24	Deep Mandal	De-Morgan's laws, Symmetric difference, Cartesian product of sets.
25	Swarnava Basak	Simple problems based on set theory, logarithmic and exponential functions,
26	Rounak Zahan	Venn-diagram and their applications, Symmetric and Skew Symmetric Matrices
27	Nayeem	Complex number, Polar representation of complex numbers
28	Muntasir	De Moivre's theorem (without proof) for rational indices and their applications
29	Md. Manjarul Islam	Definition of a Matrix, Types of Matrices, Cramer's Rule for solving systems of linear equations
30	Sk Sahabaz	Elementary operations on Matrices, De-Morgan's laws, subsets, power set, and Universal set
31	Arpita Das	Properties of determinants, Cofactors, and minor of a determinant, Transpose and Adjoint of a matrix
32	Jiten Mandal	Functions, domain and co-domain, Symmetric and Skew Symmetric Matrices
33	Sangeeta Mardi	Inverse of a matrix, periodic functions, trigonometric functions,
34	Mampi Rajbanshi	Solution of system of linear equations (up to third order) using matrix inversion method
35	Sarzia Salvia	Determinant of a square matrix (up to third order), Cramer's Rule for solving systems of linear equations
36		Determinant of a square matrix (up to third order), Cramer's Rule for solving systems of linear equations
37		Properties of determinants, Cofactors, and minor of a determinant, Transpose and Adjoint of a matrix
38		Relations, equivalence relations, congruence relations
39		Functions, domain and co-domain, one-to-one and onto functions, bijective functions, inverse function.
40		Determinant of a square matrix (up to third order), Transpose and Adjoint of a matrix, Symmetric and Skew Symmetric Matrices
41		Properties of determinants, Cofactors, and minor of a determinant, Elementary operations on Matrices
42		Simple problems based on set theory, Application of De-Morgan's laws, Symmetric difference

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