GOUR MAHAVIDYALAYA

DEPARTMENT OF MATHEMATICS

ACCREDITED BY NAAC (3rd cycle) B++

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Memo No: GM/MATH/0025/26 Date: 23.11.2026

NOTICE-25

Subject: Submission of Mathematics (Major) Assignment – Semester-III

- All students of **Mathematics as Major in Semester-III** are hereby informed that they must submit their assignment within **30.11.2026**

Submission Guidelines:

- **Last Date: 30.11.2026**
- **Cover Page (**Must Include**):**
  - Student's Name
  - Roll Number
  - Course Name (**Mathematics Major – Semester-III**)
  - College
  - Assignment Title
- **Required Pages:**
  - Title Page
  - Content Page
  - Acknowledgment Page
  - Main Content (at least 12 pages)
  - Reference Page
- **Assignment Topic:** Assigned individually by the faculty. Each student must complete their own assigned topic.
- **Mode of Submission:** Submit hard copy
- **Submit To:** Department of Mathematics

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

(Dr. Rakesh Sarkar)
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SL. NO.	NAME	MTM-DC-MJ-301 (Abstract Algebra)
1	Abhirup Saha	Definition and examples of groups, elementary properties of groups.
2	Ashik Intiyaj Ahamed	Subgroups and examples of subgroups, centralizer, normalizer, centre of a group
3	Biswajit Mandal	Properties of cyclic groups, classification of subgroups of cyclic groups
4	Anupam Mandal	Permutation group, cycle notation for permutations, properties of permutations, even and odd permutations, alternating group.
5	Goutam Pal	Cosets, properties of cosets, Lagrange's theorem and consequences including Fermat's Little theo-rem. Normal subgroup and quotient group
6	Most. Momtaz khatun	Group homomorphisms, properties of homomorphisms, properties of isomorphisms. First isomorphism theorem. Second isomorphism theorem and Third isomorphism theorem
7	Srijita Poddar	Elementary properties of fields, sub-fields, characteristic of a ring. Ring homomorphisms, properties of ring homomorphisms
8	Shnyashree Roy	Ideal, Prime and Maximal Ideals, First Isomorphism theorem for ring. Isomorphism theorems II and III for ring (Statement and Applications), field of quotients. Introduction to polynomial ring.
9	Tusar Mandal	Definition and examples of groups, elementary properties of groups.
10	Tourab Ali	Subgroups and examples of subgroups, centralizer, normalizer, centre of a group
11	Sk Toufik	Properties of cyclic groups, classification of subgroups of cyclic groups
12	Himesh Das	Permutation group, cycle notation for permutations, properties of permutations, even and odd permutations, alternating group.
13	Sumitro Mandal	Cosets, properties of cosets, Lagrange's theorem and consequences including Fermat's Little theo-rem. Normal subgroup and quotient group
14	Md. Sabiul Islam	Group homomorphisms, properties of homomorphisms, properties of isomorphisms. First isomorphism theorem. Second isomorphism theorem and Third isomorphism theorem
15	Mahil Aktar	Definition and examples of rings, elementary properties of rings, subrings, integral domains and fields
16	Momtaj Begam	Elementary properties of fields, sub-fields, characteristic of a ring. Ring homomorphisms, properties of ring homomorphisms
17	Sutapa Thakur	Ideal, Prime and Maximal Ideals, First Isomorphism theorem for ring. Isomorphism theorems II and III for ring (Statement and Applications), field of quotients. Introduction to polynomial ring.
18	Farjana khatun	Subgroups and examples of subgroups, centralizer, normalizer, centre of a group
19	Jinnat Sahi	Definition and examples of groups, elementary properties of groups.
20	Sreyashree Sarkar	Properties of cyclic groups, classification of subgroups of cyclic groups
21	Surya Mandal	Permutation group, cycle notation for permutations, properties of permutations, even and odd permutations, alternating group.
22	Shubho Pramanik	Cosets, properties of cosets, Lagrange's theorem and consequences including Fermat's Little theo-rem. Normal subgroup and quotient group

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23	Sohana Yesmin	Group homomorphisms, properties of homomorphisms, properties of isomorphisms. First isomorphism theorem. Second isomorphism theorem and Third isomorphism theorem
24	Shirshendu Mandal	Definition and examples of rings, elementary properties of rings, subrings, integral domains and fields
25	Krish Chowdhury	Elementary properties of fields, sub-fields, characteristic of a ring. Ring homomorphisms, properties of ring homomorphisms
26	Saswati Majumdar	Properties of cyclic groups, classification of subgroups of cyclic groups
27	Dev Paul	Definition and examples of rings, elementary properties of rings, subrings, integral domains and fields
28	Fahmida Nasrin	Ideal, Prime and Maximal Ideals, First Isomorphism theorem for ring. Isomorphism theorems II and III for ring (Statement and Applications), field of quotients. Introduction to polynomial ring.
29	Mamoni Mandal	Definition and examples of groups, elementary properties of groups.
30	Masuda khatun	Subgroups and examples of subgroups, centralizer, normalizer, centre of a group
31	Monishankar Ghosh	Permutation group, cycle notation for permutations, properties of permutations, even and odd permutations, alternating group.
32	Jeet Mandal	Cosets, properties of cosets, Lagrange's theorem and consequences including Fermat's Little theo-rem. Normal subgroup and quotient group
33	Sania Azam	Group homomorphisms, properties of homomorphisms, properties of isomorphisms. First isomorphism theorem. Second isomorphism theorem and Third isomorphism theorem
34	Dil Afroja	Definition and examples of rings, elementary properties of rings, subrings, integral domains and fields
35	Easana jahan	Elementary properties of fields, sub-fields, characteristic of a ring. Ring homomorphisms, properties of ring homomorphisms
36	Noor Akib	Ideal, Prime and Maximal Ideals, First Isomorphism theorem for ring. Isomorphism theorems II and III for ring (Statement and Applications), field of quotients. Introduction to polynomial ring.
37	Nilanjana Saha	Definition and examples of groups, elementary properties of groups.
38	Ekbal Hossain	Definition and examples of rings, elementary properties of rings, subrings, integral domains and fields
39	Shabhankar Mandal	Group homomorphisms, properties of homomorphisms, properties of isomorphisms. First isomorphism theorem. Second isomorphism theorem and Third isomorphism theorem
40	Minhajur Rehanan	Subgroups and examples of subgroups, centralizer, normalizer, centre of a group



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