

# Department of Mathematics

## University of Jhang

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All the applicants for admission, Fall-2023 in MS Mathematics at the University of Jhang, are hereby informed that their admission test will be conducted out of the courses shown in the table below.

| Sr. No. | Name of Course                     |
|---------|------------------------------------|
| 1.      | Calculus                           |
| 2.      | Linear Algebra                     |
| 3.      | Group Theory                       |
| 4.      | Real Analysis                      |
| 5.      | Complex Analysis                   |
| 6.      | Functional Analysis                |
| 7.      | Numerical Analysis                 |
| 8.      | Differential Equations (ODE & PDE) |

The pattern of the test is as follows:

- The test will comprise of two sections, the MCQs as well as SHORT QUESTIONS.
- In MCQs, no mark will be awarded for overwriting, cutting, no tick, or multiple tick questions.
- Answer to each short question in the space provided.