

Table of Specifications for NUMS Entry Test-Phytochemistry & Natural Products Fall 2024

Maximum Time Allowed	60 Minutes
Total number of MCQs	60 Marks

Part 01: General (20 MCQs):

1. Basic Mathematics (5)
2. English (5)
3. Analytical and Quantitative Reasoning (5)
4. General Knowledge (5)

Part 02: General /Basic Biology (20 MCQs)

1. Biochemistry (4)
2. Cell / Molecular Biology (4)
3. Biotechnology (4)
4. Microbiology (4)
5. Ecology and Biodiversity (4)

Part 03: Program Specific: Phytochemistry & Natural Products (20 MCQs)

1. Secondary metabolism (4 Marks)
2. The acetate pathway (4 Marks)
3. The shikimate pathway (4 Marks)
4. Terpenoids and steroids (4 Marks)
5. Alkaloids (4 Marks)