



M.Sc. III Semester Degree Examination, April/May - 2024

MICROBIOLOGY

MB DSE 2a : Mushroom Production and Marketing

(NEP)

Time : 3 Hours

Maximum Marks : 70

Note : Answer **any five** of the following questions with question **No.1 (Q1)** is **Compulsory**, each question carries **equal** marks.

1. Write a detailed note on taxonomic ranks of mushrooms. Explain life cycle of Milky Mushrooms. **14**
2. Explain sterilization of substrates, production of pure culture, multiplication of spawn during mushroom cultivation. **14**
3. Discuss the nutritional, medicinal and pharmacological values of mushrooms. Add a note on mushroom composting technology. **14**
4. Describe therapeutic potential and value added products of mushrooms. **14**
5. Enumerate on the methods used for genetic improvement of mushrooms. Write a note on harvesting, Packaging and storage of mushrooms. **14**
6. Discuss the active principles of mushroom and their isolation methods. **14**
7. Write in brief on problems in mushroom cultivation. Explain the management strategies. **14**
8. (a) Quality assurance in mushroom cultivation **7**
(b) Strategies for mushroom marketing **7**

