

21191



I SEMESTER UG EXAMINATION – MARCH/APRIL 2022

025

SCHEME: CBCS (NEP)

OPEN ELECTIVE: MICROBIOLOGY PAPER-I

TITLE: MICROBIAL TECHNOLOGY FOR HUMAN WELFARE

Time: 2 ½ Hours

Max Marks: 60

Instructions to Candidates: 1. All questions are compulsory.

2. Draw neat labelled diagrams wherever necessary.

A. Define any FIVE of the following.

2x5=10

1. Soft cheese
2. Synbiotic
3. Mushroom
4. NPV
5. Spawn
6. Efflux
7. Microbiostatic

B. Write short notes on any FIVE of the following.

6x5=30

8. Nutritional value of Buttermilk.
9. Probiotics.
10. Fruit fermented drinks.
11. Types of antibiotics.
12. Properties of Vaccines.
13. Nitrogen biofertilizer.
14. Functions of Antibiotic therapy.

C. Explain any TWO of the following.

10x2=20

15. Elucidate Biogas production.
16. Define Alcoholic beverages. Explain the microbial technology of Wine production.
17. Explain the development of Drug resistance.
18. Describe the cultivation of Microbial herbicides.

** *** **