

22U244

(Pages: 2)

Name:

Reg.No:

SECOND SEMESTER B.Sc. DEGREE EXAMINATION, APRIL 2023

(CBCSS - UG)

(Regular/Supplementary/Improvement)

CC19U FTL2 B03 - FOOD MICROBIOLOGY - I

(Food Technology - Core Course)

(2019 Admission onwards)

Time : 2.00 Hours

Maximum : 60 Marks

Credit : 3

Part A (Short answer questions)

Answer *all* questions. Each question carries 2 marks.

1. Write a short note on Louis pasteur.
2. Write short note on Silkworm disease.
3. Write short note on Robert koch.
4. Name any four parts of microscope.
5. Define fluorescence microscope.
6. Define scanning electron microscope.
7. Describe the functions of fimbriae.
8. Name any four physical factors required for growth.
9. Name the common methods of reproduction in bacteria.
10. Give short note on transformation.
11. Explain fermentation.
12. Write names of any four viruses which are pathogenic to human beings.

(Ceiling: 20 Marks)

Part B (Short essay questions - Paragraph)

Answer *all* questions. Each question carries 5 marks.

13. Write note on germ theory of disease.
14. Define refractive index.
15. Briefly discuss on nutritional types of bacteria.
16. Describe asexual mode of reproduction in fungi.
17. Explain asexual modes reproduction in yeasts.

18. Explain about the symmetry found in viruses.
19. Explain lytic and lysogenic cycle in bacteriophages.

(Ceiling: 30 Marks)

Part C (Essay questions)

Answer any *one* question. The question carries 10 marks.

20. Describe in detail about the types of bacteria.
21. Write a detailed note on the classification of fungi.

(1 × 10 = 10 Marks)
