

21U244

(Pages: 2)

Name:

Reg.No:

SECOND SEMESTER B.Sc. DEGREE EXAMINATION, APRIL 2022

(CBCSS - UG)

(Regular/Supplementary/Improvement)

CC19U FTL2 B03 - FOOD MICROBIOLOGY 1

(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 any four branches of microbiology.
2. Give short note on pasteur institute.
3. Enlist Koch's postulates.
4. Describe the functions of condenser of a microscope.
5. What is resolution of a microscope?
6. Define phase contrast microscope?.
7. Define chemotrophs.
8. Define conidiospore.
9. Name the sexual and asexual mode of reproduction in yeasts.
10. Write names of some viruses which are pathogenic to animals.
11. Give a short note about size of viruses.
12. What are bacteriophages?

(Ceiling: 20 Marks)

Part B (Short essay questions - Paragraph)

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

13. Write a note on germ theory of disease.
14. Comment on the application of electron microscopy.

15. Explain about classification of bacteria.
16. Describe about the bacterial capsule layer.
17. Explain stationary phase and death phase of bacterial growth curve.
18. Economic importance of fungi.
19. Write a note on reproduction of yeast by budding.

(Ceiling: 30 Marks)

Part C (Essay questions)

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

20. Bacterial conjugation and its importance.
21. Write about the economical importance of yeast and also explain budding in yeast.

(1 × 10 = 10 Marks)
