

23U244

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Name:

Reg.No:

SECOND SEMESTER B.Sc. DEGREE EXAMINATION, APRIL 2024

(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. Explain Soil microbiology.
2. Write short note on Rabbits.
3. Write short note on Robert koch.
4. What is resolving power of a microscope?
5. Explain light microscope.
6. Define electron microscope.
7. Name the three basic parts of a flagellum.
8. Give a shortnote on asexual methods of reproduction in bacteria.
9. What is mycorrhiza?
10. Give a short note on brewers yeast.
11. Define virus.
12. What is bacteriophages?

(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. Differentiate prokaryotes and eukaryotes?
16. Classify bacteria with reference to temperature.

17. Briefly discuss on nutritional types of bacteria.
18. Explain sexual mode of reproduction in fungi.
19. Explain about the symmetry found in viruses.

(Ceiling: 30 Marks)

Part C (Essay questions)

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

20. Bacterial conjugation and its importance.
21. Describe in detail about sexual and asexual reproduction in yeasts.

(1 × 10 = 10 Marks)
