

20U241

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Name:

Reg.No:

SECOND SEMESTER BSc DEGREE EXAMINATION, APRIL 2021

(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* question. Each question carries 2 marks.

1. Define microbiology.
2. Give short note on Small pox disease.
3. Write short note on Robert koch.
4. Describe the functions of condenser of a microscope.
5. What is resolution of a microscope?
6. Define electron microscope?
7. Define lophotrichous.
8. What is binary fission?
9. Define heterotrophs.
10. Write the parts of a microscope.
11. Define yeast.
12. Define capsid.

(Ceiling: 20 Marks)

Part B (Short essay questions - Paragraph)

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

13. Write note on germ theory of disease.
14. Explain dark field microscope, its working and applications.
15. Explain growthcurve of bacteria.
16. What is transformation?
17. What are the morphological characteristics of fungi?
18. How viruses are classified?
19. Write a note on theory of spontaneous generation.

(Ceiling: 30 Marks)

Part C (Essay questions)

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

20. Describe in detail about Replication of virus with a neat diagram.
21. Explain elctron microscopy. Differentiate TEM & SEM. Also mention their applications in the field of microscopy.

(1 × 10 = 10 Marks)
