

C 23862

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Name.....

Reg. No.....

**SECOND SEMESTER (CBCSS—UG) DEGREE EXAMINATION
APRIL 2022**

Food Technology

FTL 2B 03—FOOD MICROBIOLOGY-I

(2019—2020 Admissions)

Time : Two Hours

Maximum : 60 Marks

Part A*Each question carries 2 marks.*

(Maximum 20 marks)

1. What are the types of reproduction in bacteria ?
2. Write the principles of scanning electron microscope.
3. What are prions ?
4. Define is TDP.
5. What is tainted food ?
6. What is chemotrophs ?
7. Explain plasmolysis.
8. What is ergot poisoning ?
9. Explain biofilms.
10. What is Universal Phylogenetic Tree ?
11. What is resolution ?
12. Explain fixation.

Part B*Each question carries 5 marks.*

(Maximum 30 marks)

13. Write different types of staining method.
14. What are inclusion bodies ?

Turn over

15. Explain peptidoglycan with suitable diagram.
16. Explain the locomotory structures in prokaryotes.
17. Write the different mode of reproduction in fungus.
18. Explain the parts of light microscope.
19. Explain Koch's Postulates.

Part C

20. Briefly explain the milestones events in microbiology during history and development.
21. Explain briefly about different kinds of microscope.

(1 × 10 = 10 marks)