

C 43172

(Pages : 2)

Name.....

Reg. No.....

**SECOND SEMESTER (CBCSS—UG) DEGREE EXAMINATION
APRIL 2023**

Food Technology

FTL 2B 03—FOOD MICROBIOLOGY—I

(2019—2022 Admissions)

Time : Two Hours

Maximum : 60 Marks

Section A*Each question carries 2 marks.*

1. What is Microbiology ?
2. What is Koch's postulate ?
3. What is called resolving power ?
4. Why is refractive index important in microscopy ?
5. What is exponential phase of growth ?
6. What are autotrophic bacteria give examples ?
7. What is bacterial transformation ?
8. What defines a eukaryotic ?
9. What is the function of conidia ?
10. What are the characteristics of yeast ?
11. What is virus explain ?
12. What are the characteristics of a bacteriophage ?

(Ceiling 20 marks)

Section B*Each question carries 5 marks.*

13. Briefly explain the germ theory for disease.
14. Write a note on TEM and its uses.

Turn over

15. Briefly explain about bacterial recombination.
16. Write a note on structure of yeast cell.
17. What is the difference between prokaryotic cell and eukaryotic cell ?
18. What is bacterial growth curve explain ?
19. What are the functional properties of Virus Structure ?

(Ceiling 30 marks)

Section C

20. Define bacteria and explain the evolution, also mention different type of bacterial cell with suitable diagram.
21. What are the ways bacteria reproduce? Explain with clear diagram ?

(1 × 10 = 10 marks)