

K23U 3441



Reg. No. :

Name :

III Semester B.Sc. Degree (CBCSS – OBE – Regular/Supplementary/
Improvement) Examination, November 2023
(2019 to 2022 Admissions)

Complementary Elective Course in Microbiology For B.Sc.
Biochemistry/B.Sc. Biotechnology/B.Sc. Life Science (Zoology) and
Computational Biology

3C03MCB : APPLIED MICROBIOLOGY – I

Time : 3 Hours

Max. Marks : 32

PART – A

Short answer. Answer **all** questions.

(5×1=5)

1. Pasteurisation.
2. Yoghurt.
3. Rancidity.
4. Asepsis.
5. Lyophilisation.

PART – B

Short essay. Answer **any four** questions.

(4×2=8)

6. HTST.
7. Putrefaction.
8. Baker's yeast.
9. Viral-gastroenteritis.
10. Sodium benzoate.

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PART – C

Essay. Answer **any three** questions.

(3×3=9)

11. Discuss about types of high-temperature preservation.
12. Explain the process of brewing.
13. Typhoid fever.
14. What is the role of yeast in the food industry ?
15. Briefly explain food preservation by drying.

PART – D

Long Essay. Answer **any two** questions.

(2×5=10)

16. Describe the various steps involved in the industrial production of cheese.
17. Describe food preservation using food additives.
18. Discuss about water-borne diseases.
19. What are the chemical changes that occur during food spoilage ?

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