

K22U 1793

Reg. No. :

Name :

III Semester B.Sc. Degree (C.B.C.S.S. – Regular)
Examination, November 2021
(2020 Admission)

COMPLEMENTARY ELECTIVE COURSE IN MICROBIOLOGY
(For B.Sc. Life Sciences (Zoology) and Computational Biology)
3C03 MCB : Applied Microbiology – I

Time : 3 Hours

Max. Marks : 32

PART – A

Answer **all** questions. **Each** question carries **1** mark.

(5×1=5)

1. TDP
2. Father of Canning
3. Sulfuring
4. Traveler's diarrhea
5. NMFS.

PART – B

Answer **any 4** questions. **Each** question carries **2** marks.

(4×2=8)

6. *Penicillium* in food industry.
7. *Clostridium* and canning.
8. *aW*.
9. HACCP.
10. Enteric fever.

PART – C

Answer **any 3** questions. **Each** question carries **3** marks.

(3×3=9)

11. Food Preservation by Organic acids and their salts.
12. Smoking as a method of food preservation.
13. Infection by rota virus and noro virus.
14. Alcohol fermentation.
15. Spoilage of fruits and vegetables.

PART – D

Answer **any 2** questions. **Each** question carries **5** marks.

(2×5=10)

16. Food spoilage by microorganisms.
 17. Food Preservation techniques where changes in temperature is used.
 18. Food infections and intoxications by bacteria.
 19. Cheese and Yoghurt fermentation.
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