

S.No. 6916

P 16 MBE 1 B

(For candidates admitted from 2016–2021 Batch)

M.Sc. DEGREE EXAMINATION, NOVEMBER 2023.

Microbiology

FOOD AND DAIRY MICROBIOLOGY

Time : Three hours

Maximum : 75 marks

PART A — (10 × 2 = 20)

Answer ALL questions.

1. Food protozoa
2. Microbial growth in food
3. SCP
4. Synbiotics
5. Preservation fruits
6. Ice cream
7. Structure of Cans
8. types of canning
9. Mycotoxins
10. GLP

PART B — (5 × 5 = 25)

Answer ALL questions, choosing either (a) or (b).

11. (a) Explain in detail of Baker's yeast.
Or
(b) List out the factors influencing microbial growth in food.
12. (a) Write short notes on fermented vegetables.
Or
(b) Give a detailed account on Prebiotics.
13. (a) Describe the preservation of sugar and sugar products.
Or
(b) Briefly explain about the sea food preservation.
14. (a) Write short notes on methods of preservation.
Or
(b) Describe the process of canning.
15. (a) Give Detail account on food poisoning.
Or
(b) Explain the food sanitation.

PART C — (3 × 10 = 30)

Answer any THREE questions.

16. Explain the sources of contamination with proper examples.
17. Explain the methods of fermented food products using microbes.
18. Enumerate the preservation of food products.
19. Write briefly about principles and methods preservation.
20. Give a detailed account of Food borne disease,
-