

D 50666

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Name.....

Reg. No.....

**FIFTH SEMESTER B.Sc. DEGREE EXAMINATION, NOVEMBER 2018**

(CUCBCSS—UG)

Microbiology

MBY 5B 09—FOOD AND DAIRY MICROBIOLOGY

Time : Three Hours

Maximum : 80 Marks

**Part A**

*Answer all the following.  
Each question carries ½ mark.*

1. The most predominant fermentative bacteria present in milk are \_\_\_\_\_.
2. The scientific name of baker's yeast is \_\_\_\_\_.
3. Sauerkraut is a fermented food made from \_\_\_\_\_.
4. Rennet is used in the manufacture of \_\_\_\_\_.
5. Food preparations obtained from unicellular microorganisms are called \_\_\_\_\_.
6. \_\_\_\_\_ is the most acutely lethal toxin known.
7. In modified atmosphere storage the removed oxygen is usually replaced by \_\_\_\_\_.
8. Brucellosis in humans is usually associated with consumption of \_\_\_\_\_.
9. Pour plating is useful for \_\_\_\_\_ count of bacteria.
10. The simplest test for the increased acidity of milk is \_\_\_\_\_.
11. Traveller's diarrhoea is caused by \_\_\_\_\_.
12. The most important species of Salmonella causing food poisoning is \_\_\_\_\_.

(12 × ½ = 6 marks)

**Part B**

*Answer all the following.  
Write briefly on.  
Each question carries 2 marks.*

13. Psychrophiles.
14. Bile Esculin Agar (BEA).
15. Asepsis.
16. Water activity.
17. Yogurt.
18. Prebiotics.

**Turn over**

19. Ergotism.
20. Staphylococcal enterotoxin.
21. Canning.
22. Rancidity.

(10 × 2 = 20 marks)

**Part C (Short Essay Type Questions)**

*Answer any **six** of the following.  
Each question carries 5 marks.*

23. Pasteurization.
24. Class II preservatives.
25. Spoilage of egg.
26. Probiotics.
27. Examination of faecal Streptococci.
28. Fermented pickles.
29. Aflatoxicosis.
30. Spoilage of meat and meat products.

(6 × 5 = 30 marks)

**Part D (Essay Type Questions)**

*Answer any **two** of the following.  
Each question carries 12 marks.*

31. Give an account of Food preservation methods.
32. Discuss Microbiological examination of food.
33. Write a detailed note on food borne infections.

(2 × 12 = 24 marks)