

C 4727

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Name.....

Reg. No.....

SECOND SEMESTER M.Sc. DEGREE EXAMINATION, JUNE 2016

(CUCSS)

Microbiology

MB 2C 07—FOOD AND AGRICULTURAL MICROBIOLOGY

(2010 Admissions)

Time : Three Hours

Maximum : 36 Weightage

Section A

*Answer **all** questions in 2 or 3 sentences each.
Each has a weightage of 1.*

Comment on :

1. Yoghurt.
2. Mycorrhiza.
3. Nisin.
4. NPV.
5. *Listeria monocytogenes*.
6. Biogas.
7. Asepsis.
8. Pascalization.
9. *Azospirillum*.
10. Endophytic bacteria.
11. HACCP.
12. Benzoates.
13. *Bacillus thuringiensis*.
14. **Botulism.**

(14 x 1 = 14 weightage)

Section B

*Write short notes on any **seven** questions.
Each has a weightage of 2.*

15. Spoilage of milk.
16. Production of soya sauce.

Turn over

17. Biopesticides.
18. Food Intoxication.
19. Low temperature preservation methods.
20. Production of cheese.
21. Epizootic ulcerative syndrome.
22. Biogas production from agrowaste.
23. Insect control by viruses.

(7 x 2 = 14 weightage)

Section C

*Discuss in detail about any **two** questions.
Each has 4 weightage.*

24. Preservation of food using chemicals.
25. Symbiotic nitrogen fixation.
26. Principles of food spoilage.

(2 x 4 = 8 weightage)