

**C 28415**

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Name.....

Reg. **No**.....

**SECOND SEMESTER M.Sc. DEGREE EXAMINATION, JULY 2012**

(CUCSS)

Microbiology

MB 2C 07—FOOD AND AGRICULTURAL MICROBIOLOGY

Time : Three Hours

Maximum : 36 Weightage

**Section A**

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

Comment on :

1. Mycoplasma.
2. Ti plasmid.
3. *Bifidobacterium*.
4. SCP.
5. Symbiosis.
6. Biopesticide.
7. GMP.
8. Chilling.
9. Pasteurization.
10. *Bacillus thuringiensis*.
11. Aflatoxin.
12. Mycorrhizae.
13. NPV.
14. Listeriosis.

(14 x 1 = 14 weightage)

**Section B**

*Answer any **seven** questions briefly.  
Each question carries 2 weightage.*

15. Cheese production.
16. Epizootic ulcerative syndrome.
17. Micro organisms involved in spoilage of milk.
18. Chemical preservatives.
19. Symbiotic nitrogen fixation.
20. Food sanitation.

Turn over

21. Husk retting process.
22. Fungal pesticides.
23. Preservation of meat.

(7 x 2 = 14 weightage)

#### Section C

*Discuss in detail about any two of the following.  
Each question carries 4 weightage.*

24. Microbial food poisoning.
25. Control of insects using micro organisms.
26. Biofertilizers.

(2 x 4 = 8 weightage)