

16P218

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Name: _____

Reg. No. _____

SECOND SEMESTER M.Sc. DEGREE EXAMINATION, MAY-2017

(Regular/Supplementary/Improvement)

(CUCSS - PG)

CC 15P ES2 C08 - ENVIRONMENTAL MICROBIOLOGY

(Environmental Science)

(2015 Admission Onwards)

Maximum: 36 Weightage

Time: Three Hours

I. Answer all questions.

1. Differentiate Achaea and Fungi
2. Chemotaxonomy
3. Facultative anaerobes
4. Antibiosis
5. Bacteriophage
6. Any two pathogenic protozoans
7. *Penicillium notatum*
8. Any two insect borne viruses
9. Methanogens
10. Mycelium
11. Prions
12. Latent bodies
13. HIV
14. Viroids

(14 x 1 = 14 weightage)

II. Answer any seven questions.

15. Latent and slow virus infection;
16. Classification of Fungi
17. Explain encystment and excystment
18. Describe the spoilage of food products
19. Explain cytotoxic infection and cell damage
20. Explain Microbial growth curve
21. Explain the classification of micro algae
22. Explain the basic energy yielding mechanisms of microbes
23. Write a short note on microbial nutrient requirements
24. Explain briefly the taxonomy of microbes

(7 x 2 = 14 weightage)