IV Semester M.Sc. Examination, July 2016
MICROBIOLOGY
Course MB 4.3: Environmental Microbiology

Time: 3 Hours  Max. Marks: 80

*Instruction:* Answer all the sections.

**SECTION – A**

I. Answer any Four questions from the following:  

1. Pyramid of number.
2. Flocculation.
3. Physical characteristics of the soil.
4. Septic tank

**SECTION – B**

II. Answer any Three questions from the following:  

7. Explain the different components of an ecosystem.
8. Describe the chlorination method of water disinfection.
9. What are the sources of microorganism in air?
10. Add a note on the air-sampling methods.
11. Explain the characteristics of psychrophiles.
SECTION – C

III. Answer any Two questions from the following: (2x15=30)

12. Explain the nitrogen cycle.


14. Give a detailed account of determination of sanitary quality of water.

15. Give an overview of different types of aquatic blooms.