

**M.Sc. DEGREE EXAMINATION, NOVEMBER 2018**  
**II Year III Semester**  
**Core Major -VII**  
**ECOLOGY AND PHYTOGEOGRAPHY**

**Time : 3 Hours**

**Max.marks : 75**

**Section A** ( $10 \times 2 = 20$ ) Marks

Answer any **TEN** questions

1. Autecology
2. Desert ecosystem
3. Ecological pyramids
4. Food chain
5. Ozone layer
6. CFCs
7. Biological monitoring
8. Population ecology
9. Vegetation of India
10. Species diversity
11. Troposphere
12. Endangered plants

**Section B** ( $5 \times 5 = 25$ ) Marks

Answer any **FIVE** questions

13. Write short notes on pond water ecosystem.
14. Write short notes on Carbon cycling and its importance.
15. How to save the Ozone layer?
16. Explain about phytosociological methods of plant community study.
17. Describe the age-area hypothesis.
18. Briefly describe the energy flow in an ecosystem.
19. List the major classes of soil and the associated vegetation types.

**Section C** ( $3 \times 10 = 30$ ) Marks

Answer any **THREE** questions

20. Write an essay on components and functions of the ecosystem.
21. Narrate the importance of global nitrogen cycle.
22. Discuss in detail on Global warming.
23. Write an essay on the characters of plant community.
24. Discuss in detail continental drift and plant distribution.

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