

M.Sc. Previous (Environmental Science) Degree  
Examination, August/September 2008  
Directorate of Correspondence Course  
Paper – 1 : INTRODUCTION TO ECOLOGY AND ENVIRONMENT  
(Freshers)

Time : 3 Hours

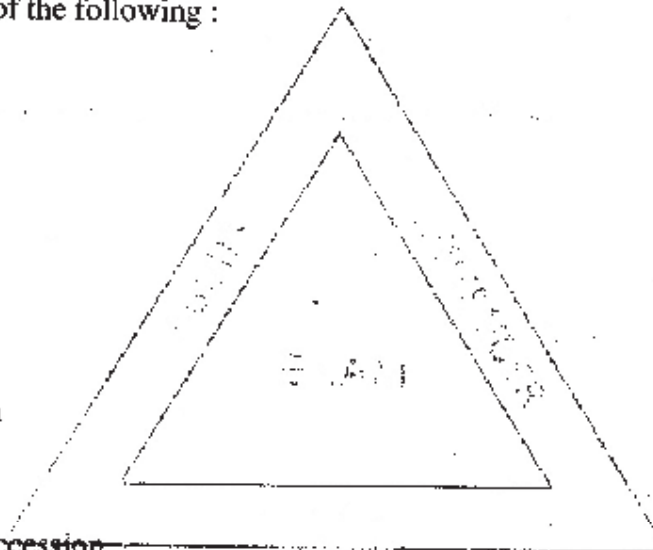
Max. Marks : 85

SECTION – A

Write any FIVE of the following :

(5×2=10)

1. Trophic levels
2. Alpine
3. Natality
4. Plankton
5. Benthos
6. Polymorphism
7. Salinity
8. Ecological Succession.



SECTION – B

Answer any FIVE of the following :

(5×6=30)

9. Differentiate abiotic and biotic factors.
10. What are Ecological Pyramids ?
11. Distinguish tropical rain forest and tundra forest.
12. Describe the trophic system of pond.

P.T.O.



13. What is Prey-Predator system ? Give suitable features of marine benthic (communities).
14. Write the importance of mangrove vegetation in protecting natural hazards.

SECTION - C

Answer any **THREE** of the following :

(3×15=45)

15. Give an account of the major ecosystems of the world with relevant illustrations.
16. Describe lentic and lotic water bodies. Add a note on energy flow in them.
17. 'Estuaries are highly productive ecosystem'. Discuss.
18. Discuss the biotic communities and ecological condition of reservoir ecosystem.

