

M.Sc., Previous (Environmental Science) Degree Examination
August / September 2009
Directorate of Correspondence Course
(Freshers)

Paper - I : Introduction to Ecology and Environment

Time : 3 Hours

Max. Marks : 85

Section A

Write any FIVE of the following

5x2=10

1. Polymorphism
2. Ecological Pyramid
3. Rocky shore
4. Estuary
5. Commensalism
6. Tundra
7. Homeostasis
8. Ecological Niche

Section B

Answer any FIVE of the following

5x6=30

9. Explain Homeostasis and feedback mechanism.
10. Give an account on the Tropical rain forest.
11. Write brief note on the population dynamics.
12. Discuss the adaptations of Mangroves.
13. Classify freshwater ecosystems, giving their salient features.
14. Give an account of Ecological succession.

Section C

Answer any THREE of the following

3x15=45

15. Write an explanatory note on various types of ecosystems, highlighting their importance.
16. Discuss the nature of Energy flow in an aquatic ecosystem.
17. Characterise the salient components in community ecology with suitable examples.
18. Classify the various ecological subdivisions of Marine environment giving their salient features.

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