

**Environmental Science  
(CE-216, Dec 2007)**

Time: 3 Hrs

Max Marks: 60

**Note:** Section A is compulsory. Attempt any four questions from Section B and two from Section C.

**Section-A**

1. (a) Explain with diagram the structure and function of the environment.  
(b) Define deforestation and its causes.  
(c) Narrate the advantages and disadvantages of hydro power.  
(d) What is the equitable use of resources?  
(e) State biodiversity hot spot and on what basis a region is designated as hot spot.  
(f) What is particulate matter? Give the prime sources of particulate matter.  
(g) State the Rio declaration about the sustainable development.  
(h) What are the impacts of human activities on water shed?  
(i) What are the causes for formation of waste land?  
(j) List the effect of population explosion.

**Section-B**

2. Discuss the causes for desertification and its measures.
3. Explain with neat sketch about the energy and nutrients flow through an ecosystem.
4. What do you know about Estuary? Explain the importance and features of the ecosystem.
5. Explain the role of disaster management in case of cyclones.
6. Describe the silent features of Environment Protection Act.

**Section-C**

7. How do you classify the factors responsible for relocation of people? Explain the problem and concerns about resettlement and rehabilitation of people.
8. (a) Explain the different types of biodiversity conservation techniques and their benefits.  
(b) Write short note on renewable and non renewable energy resources.
9. (a) What do you know about ecological succession and explain its types?  
(b) Explain the different stages of solid waste management.