

**Total No. of Pages : 02**

**Total No. of Questions : 09**

**B.Tech.(ECE) (Sem.-6)**  
**ENVIRONMENTAL SCIENCE**  
**Subject Code : CE-216**  
**M.Code : 54550**

**Time : 3 Hrs.**

**Max. Marks : 60**

**INSTRUCTION TO CANDIDATES :**

1. **SECTION-A is COMPULSORY consisting of TEN questions carrying TWO marks each.**
2. **SECTION-B contains FIVE questions carrying FIVE marks each and students have to attempt any FOUR questions.**
3. **SECTION-C contains THREE questions carrying TEN marks each and students have to attempt any TWO questions.**

## SECTION-A

**Q1 Answer briefly :**

- Define ecosystem. What are its components?
- Differentiate between renewable and non-renewable resources giving examples of each.
- List four endangered and endemic species of India.
- What is meant by carbon foot print?
- Explain the effects of Noise Pollution.
- Differentiate between soil erosion and land degradation.
- What is meant by biodiversity? Why is it important to preserve biodiversity?
- “Value education and awareness can prevent the environmental problems”*. Explain.
- Establish environmental protection as part of human rights.
- Discuss the role of information technology in environment and human health.

### SECTION-B

- Q2 Discuss unequal consumption patterns in developed and developing countries from the point of view of sustainable development.
- Q3 Discuss the different water conservation measures which individuals can practice.
- Q4 List and explain the different types of industrial pollution.
- Q5 Write short notes on :
- a) Energy plantation and carbon sequestration.
  - b) Water logging and salinity.
- Q6 Briefly explain the various disaster management strategies.

### SECTION-C

- Q7 Explain the resources from following sources on which man depends and explain the conservation measures :
- (i) Hydrosphere
  - (ii) Lithosphere
  - (iii) Biosphere
- Q8 How are human health and environment related? What are the environmentally related reasons for the occurrence of various types of cancer? How can these be prevented and controlled?
- Q9 Explain the causes and effects of air pollution by describing, any urban and industrial area that you have visited.

**NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.**