

Roll No.

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 :

- a) Define ecosystem. What are its components?
- b) Differentiate between renewable and non-renewable resources giving examples of each.
- c) List four endangered and endemic species of India.
- d) What is meant by carbon foot print?
- e) Explain the effects of Noise Pollution.
- f) Differentiate between soil erosion and land degradation.
- g) What is meant by biodiversity? Why is it important to preserve biodiversity?
- h) “*Value education and awareness can prevent the environmental problems*”. Explain.
- i) Establish environmental protection as part of human rights.
- j) 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.