Roll No.							Total No. of Pages: 02

Total No. of Questions: 09

B.Tech. (2011 to 2017) (Sem.-1,2) ENVIRONMENTAL SCIENCE Subject Code: EVSC-101

M.Code: 54107

Time: 3 Hrs. Max. Marks: 60

INSTRUCTIONS TO CANDIDATES:

- 1. SECTION-A is COMPULSORY consisting of TEN questions carrying TWO marks each
- 2. SECTION B & C. have FOUR questions each.
- 3. Attempt any FIVE questions from SECTION B& C carrying EIGHT marks each.
- 4. Select atleast TWO questions from SECTION B &C.

SECTION-A

Q1. Write briefly:

- a) Define Ecosystem. What are its components?
- b) Differentiate between renewable and non-renewable resources giving two examples of each.
- c) List four biodiversity hot spots of India.
- d) What are the major sources of Air Pollution?
- e) Write any two effects of Noise Pollution.
- f) Differentiate between soil erosion and land degradation.
- g) What is meant by Sustainable Development?
- h) "Diminishing means and increasing wants are the two root causes of all environmental problems". Comment on the statement.
- i) Establish environmental protection as part of human rights
- j) Comment on the role of information technology in environment protection and human health.

SECTION-B

- Q2. Identify the major environmental problems in your region. Suggest strategies to combat the problems. Also, specify the role of you as an individual in solving the issue.
- Q3. "Industrialisation, though increased productivity, brought in environmental degradation". List out the major environmental problems associated modern industrial practices.
- Q4. Discuss the energy flow through a desert ecosystem. Give neat sketches.
- Q5. "Consumerism and over exploitation are major causes of resource depletion". Discuss and evolve a resource management strategy for your state.

SECTION-C

- Q6. Explain the importance of value education, awareness and community participation in environmental protection activities in India.
- Q7. Write a detailed note on Urban water conservation strategies
- Q8. Explain:
 - a) Global warming and climate change
 - b) Nuclear accidents and holocaust
- Q9. List various environmental laws which India has enacted. Discuss the salient provisions and issues associated with its enforcement.

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.

2 | M - Code 54107 (S1) - 2793