Roll No. ☐☐☐☐☐☐☐☐☐☐☐☐☐ Total No. of Pages : 2

Total No. of Questions : 09

B.Tech. (Sem.–1st & 2nd)
ENVIRONMENTAL SCIENCE
Subject Code : EVSC-101 (2011 & 2012 Batch)
Paper ID : [A1109]

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 & 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

1. Answer briefly :

(a) What are the various elements of environment?

(b) What is Biodiversity? What are their types?

(c) Name air pollutants emitted from automobiles.

(d) List the man-made and natural causes of water pollution.

(e) What is the impact of global warming?

(f) What is the necessity of water conservation schemes?

(g) Define sustainable development.

(h) List factors influencing the family size.

(i) What do you understand by environmental ethics?

(j) What is Rehabilitation and Resettlement?

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SECTION-B

2. Briefly describe the need of public awareness about the environment. Explain the components of environment and their interactions.

3. Explain why biodiversity is very important for the existence of the human race. What are the different restoration and conservation measures for the repair and revamping of biodiversity?

4. Discuss the role of producers, consumers and decomposers in an ecosystem. Quote their examples and differentiate amongst their necessities.

5. Briefly describe about the disaster management principles for the earthquakes and cyclone hazards.

SECTION-C

6. Write detailed note on the impact of climate change on the environment? List various issues related to climate change and how individuals can work towards controlling various issues.

7. Explain the role of community participation towards sustainable watershed management.

8. What are the objectives and scope of various environmental laws in force in India? What are the issues involved in enforcement of environmental legislation public awareness ?

9. Using a case study discuss the role of Information technology in Environment and human health.