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Roll No.

Total No. of Pages : 02

Total No. of Questions : 09

B.Tech. (2011 Onwards) (Sem.–1,2) ENVIRONMENTAL SCIENCE Subject Code : EVSC-101 Paper ID : [A1109]

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

- l. Write briefly :
 - a) Define Environment.
 - b) What is Ecology?
 - c) Name two branches of life sciences helpful in study of environmental science.
 - d) What is deforestation?
 - e) What are anthropogenic ecosystems?
 - f) Name various sources of air pollution.
 - g) What are the sources of radio activity?
 - h) Define sustainable development.
 - i) Mention two main causes of population explosion in India.
 - j) Name the application of information technology in human health.

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SECTION-B

- 2. Discuss in detail about the scope and importance of environmental studies.
- 3. Write in detail about different energy sources.
- 4. What is an ecosystem? Discuss its structure and functioning by giving examples and diagrams.
- 5. Discuss various measures reducing air pollution by taking a case study.

SECTION-

- 6. Discuss in detail the environmental protection act.
- What is acid rain? Enumerate occurrence and consequences of acid rain. 7.
- paper.cc What do you mean by value education? Give its significance. 8.
- 9. Discuss various methods to control human population.