

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

I. 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.

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-C

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