Total No. of Questions: 09

B.Tech. (2011 Onwards)   (Sem. – 1, 2)
ENVIRONMENTAL SCIENCE
M Code: 54107
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 at least TWO questions from SECTION - B & C.**

SECTION A

1. a) Name components of eco-system.

   b) What is BOD?

   c) Name two major air pollutants.

   d) What is water logging?

   e) What is ecological pyramid?

   f) What is watershed management?

   g) Write full form of NASA.

   h) Write negative effects (two) of deforestation.

   i) Define Food Chain.

   j) What is population explosion?

SECTION B

2. Write in detail about multi-disciplinary nature of environmental science.

3. Classify natural resources. You, as a volunteer, how will you reduce depletion of natural resources.

4. What are hotspots of biodiversity? On what basis a region is designated as hot spot?

5. What is Marine Pollution? What steps are essentially required to control marine pollution?

SECTION C

6. What is rain water harvesting? Discuss the advantages of RWH.

7. Discuss the problems faced by a child working in a Hazardous industry. How you will rescue the child who is working as a bonded labourer in that industry?

8. Write in detail about "Wildlife Protection Act".

9. Discuss the role and importance of family welfare programmes seen by govt. of India.