

**B.Tech. (Sem. – 1<sup>st</sup>)**  
**ENVIRONMENTAL SCIENCE**  
**SUBJECT CODE : EVSC – 101 (2011 Batch)**  
**Paper ID : [A1109]**

**Time : 03 Hours**

**Maximum Marks : 60**

**Instruction to Candidates:**

- 1) Section - A is **Compulsory**.
- 2) Attempt any **Five** questions from Sections – B & C.
- 3) Attempt atleast **Two** questions from Sections – B & C.

**Section – A**

**Q1)**

*(2 marks each)*

- a) What is biosphere?
- b) Give two examples of non-renewable energy sources.
- c) What is thermal pollution?
- d) Differentiate between in-siter conservation and ex-siter conservation.
- e) What is consumerism?
- f) What is an ecological pyramid?
- g) Define food chain.
- h) What is sustainable development?
- i) List two endangered species of our country.
- j) What are causes for formation of waste land?

**Section – B**

*(8 marks each)*

- Q2)** Discuss the importance of multi-disciplinary nature of environmental studies.
- Q3)** Establish water as a natural resource with the aid of hydrological cycle.
- Q4)** What are hot spots of biodiversity? Name and discuss the values that can be assigned to biodiversity.
- Q5)** Discuss various stages and causes of solid waste management.

**Section – C**

*(8 marks each)*

- Q6)** How do you classify the factors responsible for relocation of people?  
Explain the problems & concerns about resettlement & rehabilitation of people.
- Q7)** 'Global warming, destruction of ozone layer & acid rain are global problems that cannot be dealt with by the mostly local regulations used for other air pollutants'. Justify & explain this statement
- Q8)** State chief characteristic features of forest conservation Act.
- Q9)** How does value education help in environmental protection?

