

**Roll No.**

**Total No. of Pages : 02**

**Total No. of Questions : 07**

**B.Sc.(IT) (2015 & Onwards)/BCA (2013 & Onward) (Sem.-2)**

## ENVIRONMENTAL SCIENCE

**Subject Code : EVSC-101**

**M.Code : 10056**

**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 contains SIX questions carrying TEN marks each and a student has to attempt any FOUR questions.**

## SECTION-A

**1. Answer all parts of the question :**

- a) Why is environmental studies considered multidisciplinary?
- b) What are the components of ecosystem?
- c) List any four problems of overexploitation of forest resources.
- d) What is meant by biodiversity? Why is it important to protect biodiversity?
- e) Differentiate (with examples) between primary and secondary air pollutants.
- f) List any four effects of Noise Pollution.
- g) What is a natural disaster? List two disaster management measures for earthquake.
- h) What is meant by Global warming? List any four causative agents of global warming in the order of warming potential.
- i) How does acid rain occur?
- j) How is information technology useful in environmental management and human health?

## SECTION-B

2. Discuss various environmental consequences of the Agricultural Revolution.
3. Discuss the concept of ecological pyramid and indicate the energy flow through ecosystem.
4. Explain causes and effects of :
  - a) Marine pollution
  - b) Thermal pollution
5. Consider water as a natural resource and explain the importance of rainwater harvesting.
6. Discuss the importance of awareness and value education in environmental management.
7. Discuss the major environmental issues dealt in any four major environmental laws/acts enacted in India.

**NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.**