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**B.Sc.(CS) (2013 & Onwards) (Sem.-4)**

**Subject Code : BCS-409**

**M.Code : 72325**

**Max. Marks : 60**

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 briefly :**

- Define Ecosystem. What are its components?
- Differentiate between renewable and non-renewable resources giving two examples of each.
- List four biodiversity hot spots of India.
- List the classification of sources of Air Pollution with examples of each.
- Write any four causes of Soil Pollution.
- What are the urban problems related to energy?
- What is meant by sustainable development?
- What is environmental ethics?
- Why is population explosion an environmental concern?
- List any four human health effects related to environmental degradation.

### SECTION-B

2. Explain the ecosystem concept, the structure and interrelationship. Discuss the importance of ecological pyramids.
3. List out the major environmental problems in your region. Analyze the problems and identify the technological interventions to which can be used to solve the problems.
4. Discuss the strategies for disaster management taking the floods as a typical natural disaster.
5. Explain the importance of value education, awareness and community participation in environmental protection activities in India.
6. Write notes on :
  - a) Urban water conservation strategies
  - b) Global warming and climate change
7. List various environmental laws in India. Discuss the salient provisions and issues associated with its enforcement.

**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.**