

Roll No.

Total No. of Pages : 02

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B.Sc. (Cyber Security) (Sem.-2)

**ENVIRONMENTAL STUDIES**

Subject Code : EVS102-18

M.Code : 91721

Date of Examination : 12-07-22

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 contains SIX questions carrying TEN marks each and students have to attempt any FOUR questions.

**SECTION-A**

**1. Write briefly :**

- a) What is meant by Pollution?
- b) Define ecological pyramid.
- c) What are the components of ecosystem?
- d) List any four problems of overexploitation of water resources.
- e) Give any two examples each for endangered and endemic species of India.
- f) List any four health effects of Noise Pollution.
- g) What is a natural disaster? List any two disaster mitigation measures.
- h) Differentiate between sustainable and unsustainable development.
- i) List any four water conservation strategies for rural Punjab area.
- j) How do you think information technology useful in environmental management?

## SECTION-B

2. Consider a typical environmental issue in your region and discuss the multidisciplinary approaches to solve the issue.
3. Explain the phenomenon of global warming and the international efforts to combat it.
4. Sketch and explain the energy flow through the various components of an ecosystem.
5. Compare the renewable and non-renewable energy sources with the help of examples.
6. Explain why India is considered a mega biodiversity nation? List the biodiversity hot spots and biogeographic regions of India.
7. List the environmental problems associated with a typical agrarian set-up in Punjab.

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