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Total No. of Pages : 02

Total No. of Questions : 07

B.Sc.(IT) (2015 & Onwards)/BCA (2014 to 2018) (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 briefly :

- a) Differentiate between environmental science and ecology.
- b) What is meant by over exploitation of natural resources?
- c) Define Sustainable Development.
- d) Differentiate between water stress and water scarcity.
- e) List any four effects of soil pollution.
- f) What is meant by nuclear holocaust?
- g) What are the components of integrated solid waste management?
- h) List any four mitigation measures of land slide.
- i) What is meant by acid rain?
- j) Why is value education important in environmental management?

SECTION-B

2. Draw and explain the importance of ecological pyramids in environmental management. Also, indicate different types of ecological pyramids.
3. Discuss the sources, causes and effects of urban air pollution. Suggest the different control measures.
4.
 - a) Explain the role of individuals in prevention and control of pollution.
 - b) Explain the disaster management strategies for earthquake.
5. Write notes on :
 - a) Water conservation
 - b) Urban problems related to energy
6. Explain the following in respect of environment and public health :
 - a) The National policy/efforts to control AIDS/HIV and its implementation
 - b) Role of information technology
7. Discuss the causes and effects of climate change. Explain the strategies for meeting the challenges of climate change.

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.