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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

Paper ID : [B1112]

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

Q1 Answer all parts of the question :

- a) Why is environmental studies considered interdisciplinary?
- b) What is an ecological pyramid?
- c) Define Biodiversity. How is it conserved?
- d) How does the phenomenon of 'Eutrophication' occur?
- e) Draw an indicative diagram of energy flow in ecosystem.
- f) What is meant by sustainable development?
- g) Why is 'rain water harvesting' important?
- h) List the mitigation measures of natural disasters.
- i) Discuss the relationship between human health and environment.
- j) How do you think IT useful in environmental protection?

SECTION-B

- Q2 Discuss the recent issues related to global effects of air pollution.
- Q3 Consider the Hydrological Cycle and establish water as a natural resource.
- Q4 Discuss the issues associated with environmental ethics and offer possible solutions.
- Q5 What are chlorofluorocarbons (CFC)? What are its major uses? Explain its significance in global atmospheric change.
- Q6 Discuss the environmental effects of urban energy consumption. Suggest remedial measures to rectify the problems.
- Q7 Consider that you are in charge of the solid waste management in your campus. Discuss what all data collection you would conduct and propose a strategy for solid waste management.

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