

Roll No.

Total No. of Pages : 02

Total No. of Questions : 09

B.Sc. (Nutrition and Dietetics) (Sem.-2)

ENVIRONMENTAL SCIENCE

Subject Code : EVS-102-18

M.Code : 77762

Date of Examination : 14-07-22

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 FIVE questions carrying FIVE marks each and students have to attempt any FOUR questions.
3. SECTION-C contains THREE questions carrying TEN marks each and students have to attempt any TWO questions.

SECTION-A

1. Answer all parts of the question :

- a) List any four scientific disciplines which could offer solutions to environmental pollution.
- b) Define ecological succession.
- c) Differentiate between renewable and non-renewable resources.
- d) List any four methods to check soil erosion.
- e) How does the phenomenon of 'Eutrophication' occur?
- f) What is meant by thermal pollution?
- g) List any two mitigation measures of an earthquake.
- h) What is meant by 'Urban Heat Island'?
- i) Why is environmental protection considered as an issue of human rights?
- j) Define 'Acid Rain'.

SECTION-B

2. What are the causes and effects of air pollution?
3. Explain the in-situ and ex-situ conservation of biodiversity.
4. Discuss the energy flow in typical desert ecosystem.
5. With the help of a flow diagram, explain important components of an urban solid waste management system.
6. Explain the phenomenon of Global climate change. Discuss its impacts.

SECTION-C

7. Discuss the salient features of various environmental laws in India.
8.
 - a) How does deforestation occur? What are its impacts?
 - b) Discuss the effects of nuclear hazards.
9. Explain how environmental movements play major role in environmental conservation. Consider any case studies from India.

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.