

6Roll No.

Total No. of Pages :02

Total No. of Questions : 10

B.Pharma. (Sem.-6)
ENVIRONMENTAL SCIENCE
Subject Code : EVSC-101
M.Code : 71032
Date of Examination : 04-07-22

Time : 3 Hrs.

Max. Marks : 80

INSTRUCTION TO CANDIDATES :

1. SECTION-A is COMPULSORY consisting of FIFTEEN 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 FOUR questions carrying TEN marks each and students have to attempt any THREE questions.

SECTION-A

1. Answer briefly :

- a) What is meant by Thermal pollution?
- b) Consider 'rain water harvesting' as a water conservation measure.
- c) Explain the Second law of Thermodynamics as applied to ecological energy flows.
- d) Define Biodiversity hot spots.
- e) What is an ecological pyramid?
- f) What is soil erosion? How is it checked?
- g) How does the phenomenon of 'Eutrophication' occur?
- h) List the mitigation measures of Earthquakes.
- i) What is meant by decomposers?
- j) Why is value education important in environmental management?

- k) How are disasters classified? Give one example to each.
- l) What are bio-fertilizers?
- m) List four main causes of air pollution.
- n) What is meant by population explosion?
- o) Explain the significance of 'interaction of systems' in environmental studies.

SECTION-B

2. Explain the causes and effects of Soil pollution.
3. What is meant by waste land reclamation? Discuss various methods.
4. Consider the Hydrological Cycle and establish water as a natural resource.
5. Describe urban problems related to energy.
6. Explain the phenomenon of Global warming. What are its major causes?

SECTION-C

7. "India is a mega diversity nation." Explain the statement.
8. Discuss the concept of food chain and food web with the help of relevant examples.
9. Describe the impact of population growth on the environment.
10. Describe the problems and concerns of resettlement and rehabilitation of people.

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.