

Roll No.

Total No. of Pages : 02

Total No. of Questions : 09

B.Sc. (Radiotherapy Technology) (Sem.-2)

ENVIRONMENTAL SCIENCE

Subject Code : EVS-102-18

M.Code : 77742

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 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. Write briefly :

- (a) Define multidisciplinary nature of environment.
- (b) Give major uses of forests.
- (c) What is desertification?
- (d) What is environmental pollution?
- (e) What are environmental disasters?
- (f) What is the necessity of rain water harvesting?
- (g) Define nuclear hazards.
- (h) What are the causes of noise pollution?
- (i) What is biodiversity?
- (j) Explain biotic component of ecosystem.

SECTION-B

2. Why is it necessary to create public awareness for environment studies?
3. What is Red Data Book? What do you mean by endangered species?
4. Discuss the function of producers, consumers and decomposers in an ecosystem.
5. What are causes and effects of water pollution?
6. Discuss the models of energy flow in an ecosystem.

SECTION-C

7. Explain causes and effects of Ozone layer depletion, melting of glaciers and acid rain on global climate change.
8. What are food chains and food web? Discuss in detail the ecological pyramids.
9. Discuss renewable and non-renewable energy resources. Write a detailed note on the use of alternate energy resources (Wind and Biomass).

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.