

Roll No.

Total No. of Pages : 02

Total No. of Questions : 11

B.Sc (Radiology & Imaging Technology) (Sem.-2)

ENVIRONMENTAL STUDIES

Subject Code : EVS-102-18

M.Code : 91930

Date of Examination : 12-07-22

Time : 3 Hrs.

Max. Marks : 60

INSTRUCTIONS TO CANDIDATES :

1. SECTION-A is COMPULSORY consisting of EIGHT questions carrying TWO marks each.
2. SECTION-B contains EIGHT questions carrying FOUR marks each and students have to attempt any SIX questions.
3. SECTION-C will comprise of two compulsory questions with internal choice in both these questions. Each question carries TEN marks.

SECTION-A

1. Write briefly :

- a. Give two causes of landslides.
- b. Name five basic food groups.
- c. Define Environment and Ecosystem.
- d. Define food web.
- e. What is deforestation?
- f. Why pyramid of energy always takes an upright shape?
- g. What is Acid rain?
- h. What are greenhouse gases?

SECTION-B

2. Write an explanatory note on multidisciplinary nature of environmental science.

3. Discuss the historical background in the field of energy utilization and the development of various sources of energy with the passage of time.
4. Name and discuss the causes of Extinction of species.
5. What is an Earthquake? What are the causes of earthquakes?
6. What is Rain water harvesting? What are its advantages?
7. Write note on '*Forest Conservation Act*'.
8. What is the effect of depletion of ozone layer on human beings? Discuss.
9. What are Hot spots of Bio-diversity? Name the hotspots of our country.

SECTION-C

10. What are Floods? What are the causes and remedial measures of floods?

OR

You have gone for a field visit for photography of resident / migratory birds and insects / butterflies. Prepare a report /register of the same.

11. Describe the abiotic and biotic components of any fresh water Eco-system.

OR

Explain the reasons to explain why we should conserve biodiversity?

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.