

Roll No.

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Total No. of Pages : 02

Total No. of Questions : 11

B.Sc (Cardiac Care Technology) (Sem.-2)

ENVIRONMENTAL STUDIES

Subject Code : EVS-102-18

M.Code : 92122

Date of Examination : 20-12-22

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. Answer briefly

- What is the multidisciplinary nature of environmental studies?
- Define food web.
- Explain the causes of floods.
- Define cyclones.
- What are non-renewable resources of energy?
- Define types of diversity.
- What is red data book?
- Describe ozone layer depletion.

SECTION-B

2. Explain concept of energy flow in an ecosystem.
3. Explain the concept of ecological pyramid along with its types.

4. Discuss the structure and function of forest ecosystem?
5. Discuss the causes and impact of noise pollution.
6. Describe various hot spot zones of biodiversity.
7. Define biodiversity? Explain the biogeographic regions of India.
8. Elaborate the concept of melting of glaciers in detail.
9. Discuss the causes of land degradation.

SECTION -C

10. Describe the value of forest resources and problems associated with them.

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. List various environment protection laws? Discuss the salient features of the acts?

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.