

Roll No.

Total No. of Pages : 02

Total No. of Questions : 09

B.Sc. Food technology 2021 Batch (Sem.-2)

ENVIRONMENT SCIENCE

Subject Code : EVS102-18

M.Code : 92140

Date of Examination : 20-12-2022

Time : 3 Hrs.

Max. Marks : 60

INSTRUCTIONS TO CANDIDATES :

1. **SECTION-A** contains **SIX** questions carrying **TWO** marks each and students has to attempt **ALL** questions.
2. **SECTIONS-B** consists of **FOUR** Subsections : Units-I, II, III & IV. Each Subsection contains **TWO** questions each carrying **TWELVE** marks each and student has to attempt any **ONE** question from each Subsection.

SECTION-A

- 1. Answer the following :**
- “The Pyramid of energy always takes a true upright shape.”* Justify it.
 - Differentiate between Genetic and Species diversity.
 - What are Blue Baby Syndrome and Minamata disease?
 - What is Greenhouse Effect?
 - What is Chipko movement and where it occurred?
 - What is alley cropping?

SECTION-B

UNIT-I

2.
 - a) Explain the importance of environmental education in the present-day context,
 - b) What is the theme of Environment Day 2022 and its significance?
3.
 - a) Explain the flow of Energy through the various components of the Ecosystem.
 - b) Discuss the different types of Ecological pyramid.

UNIT-II

4. a) What are the major causes of conflicts over water? Discuss one inter-state water conflict.
b) Discuss the major causes and consequences of deforestation.
5. a) Discuss various threats to biodiversity. Explain why biodiversity should be conserved?
b) Write about Protected areas.

UNIT-III

6. a) What are the sources and effects of river water pollution?
b) Discuss 3 R (Reduce, Reuse and Recycle) approach.
7. a) What is Ozone hole and how it occurs? Discuss its causes and effects.
b) Write about the effect of modern agriculture on environment.

UNIT-IV

8. a) Write about environment conservation in Indian scenario.
b) Discuss the role of information technology in environment and human health.
9. a) What is a natural disaster? Give brief account of Gujarat earthquake 2001.
b) Write a short note on environment laws related to water and Forest of 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.