

Roll No.

Total No. of Pages : 02

Total No. of Questions : 09

B.Sc. (Operation Theatre Technology) (Sem.-2)

ENVIRONMENTAL SCIENCES

Subject Code : EVS102-18

M.Code : 79842

Date of Examination : 20-12-2022

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) *“The Pyramid of energy always takes a true upright shape.”* Justify it.
- b) Differentiate between Genetic and Species diversity.
- c) What is Blue Baby syndrome and Minamata disease?
- d) What is the theme and significance of Environment Day 2022?
- e) What are bio-geochemical cycles?
- f) What is stone Leprosy?
- g) What do you understand by Carbon footprint?
- h) Define Radioactivity. Mention the sources of radioactivity.
- i) What is earth summit?
- j) What do you mean by a sanctuary?

SECTION-B

2. What are the Abiotic and Biotic components of an Ecosystem? Explain them briefly.
3. Discuss different types of soil erosion done by water.
4. What is Conservation? Write about In-situ and Ex-situ conservation in detail?
5. Write a short note on Forest cover of India.
6. Explain the need for public awareness about the environment and its degradation,

SECTION-C

7. Discuss the cause, effects and preventive measures of Noise pollution.
8. Explain causes, effects and control measures of Ozone Layer Depletion.
9. What is a Natural Hazard? Discuss case study of Uttarakhand flood 2013.

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.