

Roll No.

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Total No. of Pages : 02

Total No. of Questions : 09

B.Sc (Medical Lab Sciences) (Sem.-6)

ENVIRONMENTAL SCIENCES

Subject Code : BMLS-601

M.Code : 71057

Date of Examination : 02-01-23

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) What is the need for environmental studies?
- b) Differentiate between renewable and non-renewable resources with-example.
- c) Define ecosystem. What are the components of an ecosystem?
- d) List two causes and two health effects of noise pollution.
- e) What do you understand by (i) eutrophication (ii) aquifer?
- f) Mention four water conservation measures that can be implemented in an urban setting.
- g) What steps maybe taken for wasteland reclamation?
- h) List four disaster mitigation measures taken following an earthquake.
- i) Name any two Hotspots of biodiversity in India along with their specific significance.
- j) Enumerate any four specific health effects of nuclear accidents.

SECTION-B

2. Write a short note on watershed management and its significance.
3. Discuss the setting of a Histopathology laboratory and the significance of each measure being taken.
4. Explain the various initiatives taken by the Government of India under the Women and Child Welfare Programme.
5. Explain the role of IT in environment and human health.
6. Discuss with the help of a case study how big dams have affected forests and tribals.

SECTION-C

7. Explain the Concept of Sustainable Development. How do you apply this concept into a major infrastructure project?
8. Identify the major hazardous waste generated in a clinical laboratory. Suggest precautions and treatment of the same.
9. What are the measures taken at the global level to control the emission of Greenhouse gases? What are the provisions in India for the same?

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.