

**Roll No.**

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**Total No. of Pages : 02**

**Total No. of Questions : 07**

**B.Sc. (Textile Design) (Sem.-2)**

## ENVIRONMENTAL SCIENCE

**Subject Code : EVS102-18**

**M.Code : 79854**

**Date of Examination : 17-12-2022**

**Time : 3 Hrs.**

**Max. Marks : 30**

**INSTRUCTIONS TO CANDIDATES :**

1. **SECTION-A** is **COMPULSORY** consisting of **FIFTEEN** questions carrying **ONE** marks each.
2. **SECTION-B** contains **SIX** questions carrying **FIVE** marks each and students have to attempt any **THREE** questions.

## SECTION-A

1. **Answer briefly :**
  - a) How do environmental awareness help to protect the environment?
  - b) Define ecological succession.
  - c) What is meant by bio-fuel?
  - d) How do you define biodiversity?
  - e) List **any four** water pollutants emerging from manufacturing.
  - f) Define food chain.
  - g) What is meant by environmental ethics?
  - h) How is noise pollution measured?
  - i) List any four natural disasters of importance to human settlements.
  - j) Discuss the relationship between human health and environment.
  - k) What are major environmental problems associated with urbanization?
  - l) How does acid rain occur?

- m) List any two major effects of nuclear accidents.
- n) Which environmental act in India is called the '*umbrella act*'?
- o) List **any four** major environmental movements in India.

### SECTION-B

- 2. Give an account of indoor air pollution in a rural Indian house hold.
- 3. Compare the various energy options in terms of their relative merits.
- 4. What is meant by sustainable development? What are the global strategies to achieve sustainable development goals?
- 5. Suggest possible role of World Wide Web (WWW) and GIS in environmental management.
- 6. Look around in your area. List out the type of waste material produced which can be categorized as solid waste. Indicate approximate quantities/day of the same. Suggest methods to manage the solid waste.
- 7. Explain how public awareness, participation and NGO initiatives help environmental protection.

**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.**