

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 : 12-07-22

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. Name the two biodiversity rich zones of India.
- b. Differentiate between In-situ and Ex-situ conservation.
- c. Differentiate between Classical smog and Photochemical smog.
- d. What is the Biological Oxygen Demand (BOD) and how BOD is determined for waste water?
- e. What is Normal Lapse rate?
- f. Name the acids present in the acid rain.
- g. List the Biogeographical zones of India
- h. What are the objectives of IUCN?
- i. What is landslide?
- j. What do you mean by a Protected area?

SECTION-B

2. Discuss the different types of Ecological pyramid.
3. What are the major causes of conflicts over water? Discuss one inter-state water conflict
4. a) Explain the importance of environmental education in the present-day context.
b) What is the theme of Earth Day 2022 and its significance?
5. Write about Traditional water harvesting methods used in India.
6. List the environmental services offered by biodiversity.

SECTION-C

7. Discuss the cause, effects and preventive measures of Air Pollution.
8. What is Greenhouse Effect? How it leads to global warming and what are its effects?
9. What is a natural hazard? Give brief account of Gujrat earthquake 2001.

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.