

Roll No. 

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Total No. of Pages : 02

Total No. of Questions : 09

B.Sc. (Non Medical) (2018 Batch) (Sem.-3)

**ENVIRONMENT SCIENCE**

Subject Code : BSNM-309-18

M.Code : 76909

Time : 3 Hrs.

Max. Marks : 50

**INSTRUCTIONS TO CANDIDATES :**

1. SECTION-A is COMPULSORY consisting of TEN questions carrying ONE mark 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) Define Environment and Eco System.
- b) Differentiate between renewable and non-renewable resources giving two examples of each.
- c) Define Biodiversity. Why is it to be conserved?
- d) List two endangered and two endemic species of India.
- e) What are the environmental effects of ground water exploitation?
- f) Define Environmental Pollution.
- g) What is meant by environmental ethics?
- h) With an example define Acid Rain.
- i) What is meant by Noise Pollution? How is it measured?
- j) How are family welfare programmes important in environmental management?

### SECTION-B

2. “*Water is in a constant state of motion*”. Discuss with specific reference to hydrologic cycle. Also, establish the importance of water conservation.
3. Discuss the energy flow through a desert ecosystem.
4. Discuss climate change and global warming.
5. Explain how environmental degradation is a human rights issue?
6. Discuss the sources and control measures of air pollution.

### SECTION-C

7. Explain characteristics of Ecological Pyramids with examples of TWO typical ecological pyramids.
8. List and discuss the different environmental laws in India. Discuss the salient provisions.
9. Write notes on :
  - a) Soil Pollution
  - b) Eutrophication
  - c) Thermal pollution
  - d) Wind energy

**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.**