

B.Sc. (Part-I) (CBCS Pattern) Semester - II
USENVT03 - Environmental Science Paper-I
(Elements of Environmental Science)

P. Pages : 2

Time : Three Hours



GUG/S/23/11580

Max. Marks : 50

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- Notes : 1. All questions are compulsory and carry equal marks.
2. Illustrate the answers with suitable diagrams and examples.

1. Explain physical properties of water. 10

OR

a) Describe zonation of subsurface water. Add a note on water demand. 5

b) Discuss characteristics of ocean water in terms of temperature and density. 5

2. Describe the formation of ozone layer and mechanism of ozone depletion. 10

OR

a) State global warming potential of Green House Gases. 5

b) Discuss effects of climate change on wildlife and water resources. 5

3. What are the goals of Environmental education? Briefly explain the non-formal Environmental Education in India. 10

OR

a) Briefly explain the availability and quality of drinking water in India. 5

b) Describe the role of Governmental agencies in Environmental education. 5

4. Write a brief note on: 10

a) Tehri Dam.

b) Sardar Sarovar Narmada Project.

OR

a) Describe principles of sustainable development. 5

b) State the role of NGOs in environmental protection in local and national level. 5

5. Answer in brief **any ten**. 10

a) Draw the structure of water.

- b) Define latent heat.
- c) Mention any two international conflicts over water.
- d) Give any two control measures for global warming.
- e) What do you mean by the term 'ozone hole'?
- f) Give the names of Green House Gases.
- g) Mention any two International Environmental Organizations.
- h) What do you mean by greener industries?
- i) What is the full form of MoEF?
- j) Define sustainable development.
- k) Name the person associated with Chipko movement.
- l) Mention names of any two local NGOs working for environmental protection in Chandrapur district.
