

B.Sc. (Part - I) CBCS Pattern Semester-II
USENVT03 / PSCENVT03 - Environmental Science Paper-I
(Elements of Environmental Science)

P. Pages : 1

Time : Three Hours



GUG/W/23/11580

Max. Marks : 50

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

1. Discuss physical properties of water w.r.t. thermal conductivity, specific heat and surface tension. **10**
- OR**
- a) Explain composition of ocean water. **5**
- b) Describe reasons for over exploitation of water. **5**
2. Discuss mechanism of formation and depletion of ozone. **10**
- OR**
- a) Explain global warming potential of green house gases. **5**
- b) Write effects of climate change on polar ice caps and sea level rise. **5**
3. Discuss formal environmental education in India. **10**
- OR**
- a) Explain highlights of earth summit 1992. **5**
- b) Describe drinking water quality as priorities in India. **5**
4. Explain principles and concept of sustainable development. **10**
- OR**
- a) Discuss the role of NGOs in environmental protection at international level. **5**
- b) Write about Chipko movements. **5**
5. Answer in 2-3 lines **any ten.** **1x10**
- a) What is water demand? **=10**
- b) Briefly explain salinity.
- c) What is pH?
- d) Define Dobson unit.
- e) Write significance of ozone layer.
- f) Define global warming.
- g) Write goals of environmental education.
- h) Name national environmental organizations.
- i) Explain objectives of environmental education.
- j) Define sustainable development.
- k) Name the person actively involved in Jal Biradari project.
- l) State the role of Bishnoi community for environmental protection.
