

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

P. Pages : 2

Time : Three Hours



GUG/S/19/11580

Max. Marks : 50

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

1. What is specific heat of water? Describe surface tension and salinity as physical properties of water. 10

OR

- a) Describe availability of water resources and water demand. 5
- b) Explain temperature and pH as characteristics of ocean water. 5

2. Discuss mechanism of ozone depletion what are effects of ozone depletion on man? 10

OR

- a) What are consequences of greenhouse effect and global warming? 5
- b) Explain effects of climate change on polar ice caps and glaciers. 5

3. What is a goal of environmental education? Explain formal environmental education in India. 10

OR

- a) Draw neat sketch of model for teaching and learning in environmental education and explain it. 5
- b) Write short account on drinking water as priority in India. 5

4. Discuss concept and principles of sustainable development. 10

OR

- a) Discuss environmental issues related with following. 5
- i) Tehri Dam.
- ii) Sardar Sarovar Narmada Project.
- b) Describe role of NGOs in environmental protection. 5

5. Answer in 2-3 lines **any ten.**

1x10
=10

- a) What is latent heat of water?
- b) Define pH of water.
- c) Give composition of ocean water.
- d) Define global warming.
- e) Suggest control measures for global climate change process.
- f) Mention names of green house gases.
- g) Write objectives of environmental education.
- h) Mention any two activities undertaken in non formal environmental education.
- i) Give highlights of earth summit 1992.
- j) Define sustainable development.
- k) Name the activist associated with Chipko movement.
- l) Write about jal biradari project.
