

B.Sc. (Part-I) (Old Course) Sem-II
2SEVS-T1 - Environmental Science Paper-I : Environmental Chemistry

P. Pages : 2

Time : Three Hours



GUG/S/19/1238

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. specific heat, latent heat and thermal conductivity. 10

OR

Describe global warming process. Explain global warming potential of greenhouse gases and consequences of global warming briefly.

2. Discuss formal environmental education in India. 10

OR

Explain concept of sustainable development. Describe briefly principles of sustainable development.

3. a) Give composition of ocean water. 2½
b) Explain mechanism of formation of ozone layer. 2½
c) Describe highlights of Earth summit - 1992. 2½
d) Write about Chipko movement. 2½

OR

- e) Write short note on balance of dissolved material in ocean. 2½
f) Discuss greenhouse effect and climate change. 2½
g) Explain model for teaching and learning in environmental education. 2½
h) Describe role of Bishnoi community in environmental protection. 2½
4. a) With suitable example discuss conflicts over water. 2½
b) Explain mechanism of depletion of ozone layer. 2½
c) Describe non-formal environmental education briefly. 2½
d) Explain role of NGOs at international level. 2½

OR

- e) Explain structure of water. 2½
- f) State control measures for global climate change. 2½
- g) Explain the need for Environmental science. 2½
- h) Describe the role of NGOs at national level. 2½

5. Answer in 2 - 3 lines **any ten.** **1x10**
=10

- a) Define estuary
- b) What are deltas?
- c) What is viscosity?
- d) Write effects of ozone layer depletion on man.
- e) Define global warming.
- f) Explain Dobson unit.
- g) Describe objectives of environmental education.
- h) Write any two international environmental organizations.
- i) Give salient features of ministry of environment and forest.
- j) Define sustainable development.
- k) Name the person actively engaged in Narmada project.
- l) Write briefly about Jal Biradari Project.
