

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

P. Pages : 1

Time : Three Hours



GUG/S/25/11580

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. Discuss chemical properties of water w.r.t. Oxygen and nitrogen. 10
OR
a) Explain characteristics of world ocean structure w.r.t. density and pH. 5
b) Describe in brief the availability of water resources on the planet Earth. 5
2. Explain the process and consequences of global warming. 10
OR
a) Discuss formation of ozone layer. 5
b) Describe the significance of ozone layer. 5
3. Discuss formal environmental education in India. 10
OR
a) Explain the need of Environmental Science. 5
b) Describe low-cost wastewater technologies as one of the priorities in India. 5
4. Explain concept and principles of sustainable development. 10
OR
a) Write about Chipko movement in India. 5
b) Write about Tehri dam project. 5
5. Answer in brief. **Any ten** 10
a) What is an estuary?
b) List out water demand for various purposes.
c) What is salinity of the water?
d) What is Dobson unit?
e) Mention greenhouse gases.
f) Define global warming.
g) Briefly write the objective of environmental education.
h) Write key feature of the Earth Summit 1992.
i) Explain the role of centre for environmental education.
j) What is sustainable development?
k) What is NGO?
l) Name the person who was actively involved in Sardar Sarovar Narmada Project.
