

B.Sc. (Part-I) (CBCS Pattern) Sem-I
USENVT01 - Environmental Science Paper-I
Fundamentals of Environmental Science

P. Pages : 1

Time : Three Hours



GUG/W/22/11550

Max. Marks : 50

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

1. How life is originated on earth? Describe the evolution of human being. **10**
OR
a) Explain Big bang theory. Add a note on solar system. **5**
b) Discuss theoretical and applied aspects of environmental science. **5**
2. What is precipitation? Discuss it's forms. **10**
OR
a) Explain the structure of atmosphere on the basis of composition. **5**
b) Describe the methods for weather forecasting. **5**
3. Highlight the salient features of major water compartment. **10**
OR
a) Give an account on fresh water resources of India. **5**
b) Explain the zonation in marine environment with respect to temperature. **5**
4. a) State types of rock. Explain the mechanism involved in their formation. **10**
OR
With a neat sketch explain soil profile. **5**
b) State consequences of over exploitation of mineral resources. **5**
5. Answer in brief **any ten.** **1x10**
a) What is aura? **=10**
b) State scope of Environmental Science.
c) What is mantle?
d) Define lapse rate.
e) Give the simplified classification of fog.
f) Name the instrument used to measure solar radiation.
g) What is lentic environment?
h) State the processes involved in hydrological cycle.
i) In which unit salinity is reported.
j) What is petrology?
k) Name major soil types of India.
l) Enlist important minerals in India.
