

USENVT01 - Environmental Science Paper-I
(Fundamentals of Environmental Science)

P. Pages : 2

Time : Three Hours



GUG/W/18/11550

Max. Marks : 50

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

1. Discuss key concepts and principles in Environmental Science. 10

OR

- a) How earth is formed ? Describe its special features. 5
- b) How universe was originated ? Write a note on solar system. 5

2. Describe the structure of atmosphere on the basis of temperature. 10

OR

- a) State aims and objectives of climatology. Give difference between weather and climate. 5
- b) Define meteorology. With suitable examples state primary and secondary meteorological parameters. 5

3. Describe zonation in marine environment. 10

OR

- a) Explain hydrological cycle with processes involved and their complex interactions. 5
- b) State characteristic features of lentic environment. 5

4. What is weathering ? Describe various forms of weathering in brief. 10

OR

- a) How mineral deposits are formed ? What are the consequences of over exploitation of mineral resources ? 5
- b) Explain how rocks are formed. 5

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

- a) Big Bang theory is associated with.
- b) Give composition of earth crust.

- c) What is atmospheric science ?
- d) Define temperature inversion.
- e) What is condensation ?
- f) Which instrument is used to measure atmospheric temperature ?
- g) After how many years normally El Nino phenomenon occurs.
- h) Give examples of fresh water resource.
- i) What are streams ?
- j) State examples of igneous rock.
- k) What is cation exchange capacity of soil ?
- l) Enlist important minerals in India.
