

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

P. Pages : 2

Time : Three Hours



**GUG/W/23/11550**

Max. Marks : 50

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

1. Explain composition of earth crust. Add a note on special features of earth. 10

**OR**

a) Write a short note on 'Big bang theory'. 5

b) Discuss components of the environmental science. 5

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

**OR**

a) Give a simplified classification of fog. 5

b) Write a short note on different forms of precipitation. 5

3. Explain major water compartment w.r.t. groundwater, river and streams. 10

**OR**

a) Describe the processes involved in hydrological cycle. 5

b) State physical factors of marine environment. 5

4. State types of rocks and explain how they are formed? 10

**OR**

a) Explain physical properties of soil. 5

b) Briefly explain the consequences of over exploitation of minerals. 5

5. Answer in brief **any ten**. 10

a) What is the age of Earth?

b) What is meteorite?

- c) Define Environmental science.
- d) What do you mean by humidity?
- e) Define climate.
- f) Which instrument is used to measure wind direction and speed?
- g) What is the percentage of fresh water on earth?
- h) Enlist the major water compartments on earth.
- i) What are the zones of marine environment?
- j) Give examples of igneous rocks.
- k) What do you mean acidic soil?
- l) Enlist any five major minerals found in India.

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