

B.Sc. (Part-I) (NEP Pattern) Semester-I  
**BSCES501 / STUG01ENVS001 Core Group - Environmental Science -**  
**Introduction to Environmental Science**

P. Pages : 2

Time : Three Hours



**GUG/W/24/15926(S)**

Max. Marks : 40

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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 the structure and special features of the Earth. 8

**OR**

a) Explain the big bang theory. 4

b) Explain the scope of environmental science. 4

2. Discuss the segments of the total environment. 8

**OR**

a) Explain forms of condensation. 4

b) Describe methods of weather forecasting. 4

3. Discuss the fresh water resources of India. 8

**OR**

a) Briefly discuss oxygen as a chemical factor in the marine environment. 4

b) Describe the hydrological cycle. 4

4. Describe the weathering of the rock. 8

**OR**

a) Explain the major soil types of India. 4

b) Describe the significance of the minerals. 4

5. Answer in brief **any eight**. 8

a) What is a meteorite?

b) What is the solar system?

- c) Mention The three eras.
- d) Define lapse rate.
- e) What is climate?
- f) Mention the name of the instrument used to measure humidity.
- g) What is a glacier?
- h) Define lotic environment.
- i) What is the salinity of water?
- j) Define pedology.
- k) What is acidic soil?
- l) Mention important minerals in India.

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