

M.Sc. - I (Environmental Science) (NEP Pattern) Semester-I
NEP-41 / PMENVT01 - Fundamentals of Environmental Science

P. Pages : 1

Time : Three Hours



GUG/W/23/15094

Max. Marks : 80

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

1. Explain the structure of the earth with neat sketch. Give its special features. **16**

OR

- a) Describe theoretical and applied aspects of environmental science. **8**
b) Explain need and scope of environmental science. **8**

2. Discuss composition of atmosphere. Add a note on evolution of Earth's atmosphere. **16**

OR

- a) Explain ocean-land interface. **8**
b) Describe erosional and depositional processes. **8**

3 What are greenhouse gases? Explain their impacts on health and agriculture. **16**

OR

- a) Explain effects of global climate change. **8**
b) Describe mechanism of formation of ozone layer in the atmosphere. **8**

4. Discuss concept and principles of sustainable development. **16**

OR

- a) Write about the following environmental movement. **8**
i) Chipko movement
ii) Bishnoi tradition

b) Explain Agenda-21. **8**

5. a) Explain big bang theory. **4**

b) Write about gravitational field of the earth. **4**

c) Give significance of ozone layer in the atmosphere. **4**

d) Explain corporate social responsibility. **4**
