

M.Sc. (Part - II) (Environmental Science) (CBCS Pattern) Semester - III
**PSCENVT12-1-A (Foundation Course) Paper-XII : Fundamental of
Environmental Science**

P. Pages : 1

Time : Three Hours



GUG/S/23/11267

Max. Marks : 80

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

1. Discuss structure of earth with suitable sketch. Add a note on special features of earth. **16**

OR

a) Explain theoretical and applied aspects of environmental science. **8**

b) Describe life cycle of a star. **8**

2. Discuss composition of atmosphere in detail. **16**

OR

a) Explain types of glaciers. **8**

b) Describe earthquake in detail. **8**

3. Explain greenhouse gases in the atmosphere. Add a note their sources and impacts on health. **16**

OR

a) Discuss socio-economic consequences of global climate change. **8**

b) Explain mechanism of formation of ozone with suitable reactions. **8**

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

OR

a) Explain agenda-21 for sustainable development. **8**

b) Discuss issues and solutions of environmental ethics. **8**

5. Short answer questions. **4x4 =16**

a) Explain matter and life eras.

b) Describe ocean-land interface.

c) Discuss mechanism of ozone depletion.

d) Write about Chipko movement.
