

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

P. Pages : 1

Time : Three Hours



GUG/S/25/11267

Max. Marks : 80

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

1. Explain structure of the earth. Give composition of crust, mantle core and earth as a whole. **16**

OR

- a) Describe theoretical and applied aspects of Environmental Science. **8**
b) Give the need and scope of Environmental Science. **8**

2. Discuss land surface processes w.r.t. erosional and depositional processes. **16**

OR

- a) Explain physical and optical properties of atmosphere. **8**
b) Describe atmosphere and land interfere. **8**

3. Discuss the sources and impacts of greenhouse gases in the atmosphere. **16**

OR

- a) Explain the mechanism of ozone depletion. **8**
b) Describe effects of global climate change on freshwater ecosystems. **8**

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

OR

- a) Explain issues and solutions of environmental ethics. **8**
b) Write about Bishnoi tradition as environmental movement. **8**

5. a) Write special features of the earth. **4x4**
b) Explain gravitational field of the earth. **=16**
c) Give effects of ozone layer depletion on man.
d) Explain Agenda-21.
