

M.Sc. (Geology) (CBCS Pattern) Third Semester (New Course)  
**PSCGEOT12 - Foundation Course-I - Introduction to Geology Paper-IV**

P. Pages : 1

Time : Three Hours



**GUG/W/18/11277**

Max. Marks : 80

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- Notes : 1. All questions are compulsory and carry equal marks.  
2. Draw neat sketches wherever necessary.

1. Describe in detail radioactive isotopes and their application in earth sciences.

**OR**

Write short notes on:-

- a) Geological time scale
- b) Atmosphere
- c) Age of the Earth
- d) Earth's gravity

2. Describe in detail geologic action of wind.

**OR**

Write short notes on:-

- a) Morain
- b) Delta
- c) Formation of soil
- d) Physiography of the Earth

3. Describe in detail internal structure of the Earth on the basis of seismological evidences.

**OR**

Write short notes on:-

- a) Palaeomagnetism
- b) Sea floor spreading
- c) Mountain building
- d) Environmental degradation

4. Describe in detail major water masses of the world's oceans.

**OR**

Write short notes on:-

- a) Hypsography of the continents
- b) Abyssal plains
- c) Ocean currents
- d) Thermohaline circulation

5. Write short notes:-

- a) Milky way
- b) Oceans
- c) Weathering
- d) Erosion
- e) Volcano
- f) Conservation
- g) Oceanic conveyor belt
- h) Ocean tides

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