

M.Sc.(Geology) CBCS Pattern Semester-III
PSCGEOT12 - Paper-IV : Introduction to Geology

P. Pages : 2

Time : Three Hours



GUG/W/23/11277

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 milky way and the solar system.

OR

Write short notes on:

- Geological time scale
- Atmosphere and oceans
- Age of the Earth
- Magnetic fields and its thermal structure.

2. Describe in detail geologic action of river.

OR

Write short notes on:

- Morain
- Soil erosion
- River basins in India
- Physiography of the Earth

3. Give an account of internal structure of the Earth based on seismological evidences.

OR

Write short notes on:

- Plate tectonics
- Causes of earthquakes
- Mountain building
- Products of volcano

4. Describe in detail thermohaline circulation and the oceanic conveyor belt.

OR

Write short notes on:

- a) Hypsography of the ocean floor
- b) Abyssal plains
- c) Ocean waves
- d) Physical properties of sea water

5. Write short notes:

- a) Earth's gravity
- b) Radioactive isotopes
- c) Formation of soil
- d) Conservation of soil
- e) Epicenter
- f) Crator
- g) Chemical properties of sea water
- h) Ocean tides
