

M.Sc.(Geology) (CBCS Pattern) Semester - III
PSCGEOT11-2 - Paper-III : Environmental Geology & Engineering Geology

P. Pages : 2

Time : Three Hours



GUG/S/23/11274

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 physical, chemical and Biological domains of environment.

OR

Write short notes on:

- a) Global warming.
- b) Paleo-temperature.
- c) Soil pollution.
- d) Impact of mining on environment.

2. What is coastal erosion? Describe its causes and control.

OR

Write a short notes on:

- a) Environmental Legislations.
- b) Effects of earthquakes.
- c) Waste disposal problems.
- d) Problems of urbanization.

3. Describe scope of geology in civil engineering and mining industry.

OR

Write short notes on:

- a) Physical characters of building stones.
- b) Uses of remote sensing in engineering geology.
- c) Engineering properties of rocks and soil.
- d) Rock discontinuities.

4. Give a brief idea on engineering project reservoirs.

OR

Write a note on following.

- a) Landslides.
- b) Seismic zone of India.
- c) Preparation and presentation of Geotechnical reports.
- d) Earthquakes

5. Write a short notes on:

- a) Impact of climate change.
- b) Environmental Geology.
- c) Tsunami
- d) Landslide
- e) Engineering Geology.
- f) Physical characters of concrete aggregates.
- g) R.Q.D. analyses
- h) Tunnels.
