

020B - Geology Paper-II : Elementary Hydrogeology and Environmental Geology

P. Pages : 1

Time : Three Hours



GUG/W/22/13358

Max. Marks : 50

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

1. Explain Hydrologic cycle.

OR

- a) Influent and effluent seepages.
- b) Zone of aeration and Zone of saturation.

2. Give an account of Hydrologic characters of sedimentary rocks.

OR

- a) Ground – water provinces of India.
- b) Concept of watershed management.

3. What is Soil? Add a note on soil pollution?

OR

Give an impact of Desertification and coastal erosion on environment.

4. What is Pollution? Give an account of anti-pollutional measures of water and air pollution.

OR

Give an account of environmental consideration in the construction of large Dam.

5. Write on the following in not more than two sentences solve **any ten**.

- a) Define Hydrogeology
- b) Precipitation
- c) Spring
- d) Aquifer
- e) Aquicludes
- f) Aquitard
- g) Ecosystem
- h) Volcanic Hazards
- l) Soil creep
- j) Effects of flood
- k) Lithosphere
- l) Reservoir
