B.Sc. (CBCS Pattern) Semester-VI

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

P. Pages : 1 **GUG/S/25/13358**

Time : Three Hours * 1 7 2 3 * Max. Marks : 50

Notes : 1. All questions are compulsory and carry equal marks.
2. Draw a net figure wherever necessary.

1. Give a brief note on hydrological cycle.

OR

Write a note on the followings
a) Zone of Saturation. b) Water Table.

2. Describe the hydrological properties of the rocks.

OR

Write a note on the followings.
a) Permeability b) Porosity

3. Give a brief account of impact of coastal erosion on environment.

OR

Write a note on the followings.
a) Landslide b) Volcanic activity.

4. Give a brief account of environmental considerations in the construction of reservoirs.

OR

Write a note on the followings.
a) Lithosphere b) Biosphere

5. Solve the question in one or two sentence (Solve **any ten**)

1) Influent seepage.
2) Effluent seepage
3) Springs
4) Aquiclude
5) Examples of bad aquifer rocks
6) Name any two good aquifer rocks.
7) Desertification
8) Soil Degradation
9) Define Environmental Geology
10) Atmosphere
11) Name any two types of Dam
12) Greenhouse effect

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