

NKT/KS/17/5211

**Bachelor of Science (B.Sc.) Semester-VI (C.B.S.) Examination
ELEMENTARY HYDROGEOLOGY AND GEOMORPHOLOGY**

**Paper—2
(Geology)**

Time : Three Hours]

[Maximum Marks : 50]

N.B. :— (1) **ALL** questions are compulsory and carry equal marks.
(2) Draw neat sketches wherever necessary.

1. Describe zonal distribution of ground water with a neat sketch.

OR

Give an account of Hydrologic cycle and springs.

2. Describe hydrologic characters of granites, basalts, gravels and schists.

OR

Give an account of Aquifers and their classification.

3. (A) “Present is the key to the past” elaborate with examples.

OR

(B) Describe any four drainage patterns with neat sketches.

4. (A) What is karst topography ? Describe in detail various karst topographic features.

OR

(B) Describe topography developed over faulted region.

5. Write on the following in not more than **two** sentences (Solve any **ten**) :

- (A) Precipitation
- (B) Influent seepages
- (C) Cone of depression
- (D) Porosity
- (E) Permeability
- (F) Aquifuse
- (G) Mass wasting
- (H) Cuesta
- (I) Exhumed land forms.
- (J) Anticlinal Valley
- (K) Synclinal Hill
- (L) Homoclinal Valley.

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