



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

1. Describe in brief evaporation evapotranspiration and percolation of groundwater.

OR

Write brief notes on the following-

- a) Hydrologic cycle

- 2.** Give a detail account of permeability.

OR

Write notes on the following-

- Primary and secondary porosity
- Artesian aquifers

- 3.** Give an account of physical properties of groundwater.

OR

Write notes on the following-

- pH of groundwater.
- Different environments of groundwater.

4. Give an account of various types of wells with reference to groundwater.

OR

Write notes on the following-

- Zone of Aeration.
- Zone of saturation

- 5.** Write on the following is not more than two sentences solve **any eight**.

- What is hydrogeology.
- What is hydrology.
- Infiltration.
- Aquifuge.
- Aquitard.
- Aquiclude.
- Silica in groundwater.
- Nitrates in groundwater.
- pH of groundwater.
- Water table.
- Perched water table.
- Darcy's law.
