

DSPM UNIVERSITY, RANCHI

Paper Code: GLG 410

**B.Sc. Geology
Semester-IV**

Model question Paper

SECTION-A

Short answer type questions

Answer any **two** questions

1. Give brief idea about hydrological cycle.
2. Illustrate Aquifer and its type.
3. Write short notes on any two:
 - a. Porosity
 - b. Permeability
 - c. Hydraulic Conductivity
4. Discuss the ground water level fluctuation.

Section B

Long answer type questions

Answer any **two** questions

5. Write about the vertical distribution of subsurface water.
6. What is Darcy law ? also write its Validity.
7. Discuss the rock properties affecting water.
8. Describe artificial recharge of ground water.