

SIXTH SEMESTER HONOURS

PAPER: HYDROLOGY

SUGGESTIVE QUESTIONS

- 1) What is run-off? Discuss about the factors controlling run-off
- 2) Illustrate Global Hydrological Cycle with diagram
- 3) What is Hydrology? Discuss its relevance
- 4) Define Infiltration and discuss the factors affecting infiltration
- 5) Differentiate between evaporation and transpiration
- 6) What is transpiration? Describe the factors affecting transpiration
- 7) What are the sources of ground water?
- 8) Define an aquifer. Present a classification of aquifer with diagrams
- 9) Write a note on the movement of the ground water.
- 10) What are the factors affecting movement of groundwater?
- 11) Why is ground water significant?
- 12) What is Karst Topography? Discuss the processes responsible for the formation of Karst Topography.
- 13) Differentiate between porosity and permeability
- 14) What is cryology?
- 15) Discuss in brief the scope and content of Hydrology
- 16) Discuss about the branches of Hydrology
- 17) What is the significance of Global Hydrological Cycle?
- 18) How is run-off measured?
- 19) What is evapo-transpiration?
- 20) What is infiltration capacity?
- 21) Differentiate between percolation and infiltration
- 22) What is infiltration index?
- 23) What is connate water?
- 24) Define the following- Aquiclude, Aquifuge and Aquitard
- 25) Describe the karst cycle with diagram
- 26) Describe landforms of Karst Topography