

TEST -1

ENGINEERING HYDROLOGY

Total Marks: 10

1. In India which of the following is adopted as standard recording rain gauge. (1)
 - a) Symon's rain gauge
 - b) Tipping bucket type
 - c) Weighing bucket type
 - d) Natural syphon type

2. The percentage of earth covered by ocean is about (1)
 - a) 31% b) 51% c)71% d) 97%

3. The percentage of total quantity of water in the world that is saline is about (1)
 - a)71% b) 33% c) 67% d) 97%

4. The percentage of total quantity of fresh water in the world available in the liquid form is (1)
 - a) 30% b) 70% c) 11% d) 51%

5. Describe the hydrological cycle with sketch. (3)

6. Define: a) Surface Runoff b) Evaporation c) Infiltration (3)

TEST -2
ENGINEERING HYDROLOGY

Total Marks: 10

1. Infiltration is the
 - a) Movement of water through the soil
 - b) Absorption of water by soil surface
 - c) Both a) and b)
 - d) None of the above
2. If the intensity of rainfall is more than the infiltration capacity of soil than the infiltration rate will be
 - a) Equal to the rate of rainfall
 - b) Equal to infiltration capacity
 - c) More than rate of rainfall
 - d) More than infiltration capacity
3. Cyclonic precipitation is caused by lifting of an air mass due to
 - a) Pressure difference
 - b) Temperature difference
 - c) Natural topographical variance
 - d) All the above
4. Which of the following is non recording rain gauge
 - a) Tipping bucket type rain-gauge
 - b) Symon's rain-gauge
 - c) Weighing type rain-gauge
 - d) Floating type rain-gauge

5. A rain-gauge should preferably be fixed
- a) Near the building
 - b) Under the tree
 - c) In an open space
 - d) In a closed space