

SECTION-1

Ques 1)

Ans.

Transmissibility: It is defined as the rate of flow of water (m^3/day) through vertical strip of aquifer of unit width and extending the lower saturation height & height under unit hydraulic gradient.

Ques 2)

Ans

Flood frequency %: Flood frequency denotes the likelihood of flood being equaled or exceeded. At 10% frequency means that the flood has 10 out of 100 chances of being equaled or exceeded.

Frequency studies for flood

(i) It is technique used by hydrologists to predict flow values corresponding to specific return periods or probabilities along a river.

(ii) It is based on the assumption that combination of other numerous factors which produce flood are as matters of pure chance and there fore are.