Tutorials - Question!

1) Describe the artificial recharge scheme for groundwater improvement with case studies.

2) Illustrate the rooftop rainwater harvesting with the help of two case studies: a) for direct use; b) Groundwater recharge.

(Ref: http://cgwb.gov.in; www.rainwaterharvesting.org; www.cseindia.org)

- Illustrate the systems used for artificial recharge/ roof rain water harvesting.
- Illustrate the various schemes used for rooftop RWH/ Groundwater recharge schemes
- Discuss various techniques adopted at various locations.
- Discuss the merits and demerits of each systems.

Prof. T I Eldho, Department of Civil Engineering, IIT Bombay
Self Evaluation - Questions!

- Discuss the roof top RWH, need & its importance.
- How much water can be collected from a roof top catchment?
- Discuss the important design considerations of roof top RWH.
- Discuss the cost analysis of Roof top RWH scheme.
- Describe the operation & maintenance of roof top RWH.

Prof. T I Eldho, Department of Civil Engineering, IIT Bombay