

Section - 05

Ans 1-) * Rain Water Harvesting

Rain water harvesting is a technique of collection and storage of rain water into natural reservoirs or tanks, or the infiltration of surface water into subsurface aquifers. One method of rainwater harvesting is rooftop harvesting. Other uses include water for gardens, live stock, and irrigation etc.

* Well Loss

When water is pumped out of a well, the total drawdown caused includes not only that of the logarithmic drawdown curve at the well face, but also drawdown caused by the flow through well screen and axial movement within the well. The latter drawdown is called well loss.

* Aquifers and Aquiclude

Aquifers => It is a saturated formation of earth material which not only stores water but yield it in sufficient quantity. Thus it transmits water relatively easily due to its high permeability.

Aquiclude => It is a geological formation which is porous but not permeable. Such rocks may bear water but do not yield the same as they are impermeable.