

SECTION -4

Ques ①

Ans ① Rain water harvesting is a technique of collection & storage of rainwater into natural reservoirs or tanks, or the infiltration of surface water into subsurface aquifers (before it is lost as surface runoff). One method of rainwater harvesting is rooftop harvesting.

With rooftop harvesting, most any surface - tiles, metal sheets, plastics, but not grass or palm leaf can be used to intercept the flow of rainwater & provide a household with high-quality drinking water & year-round storage.

→ Probable maximum precipitation is defined by NWS as "theoretically", the greatest depth of precipitation for a given duration that is physically possible over a given storm area at a particular geographical location at a certain time of the year.