

Section 4

Ans-1

(Ans) Rain water harvesting \rightarrow the harvesting of rain water simply involved the collection of water from the surface of which rain falls, and subsequently storing this water for later use. Normally water is collected from the roofs of buildings and stored in the rain water.

The Probable maximum precipitation \rightarrow

The 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. The HMR 36 definition stressed that the estimate was for a particular drainage area, the greatest depth of precipitation for a given duration meteorologically possible for a given size storm area at a particular location at a particular time of year, with no allowance made for long time climatic trends.

Heavy precipitation and its adverse effects mostly by floods are reports from most parts of the world. The reduction of such effects through engineer required data on magnitude and frequency of heavy precipitation event.