

(6)

Answer No 6 - A mass curve of inflow (or mass curve) is a plot of accumulated flow in a stream against time.

The slope of the curve at any point indicates the rate of flow at that particular time. If there is no flow during certain period the curve will be horizontal during that period.

Mass curve method:-

A mass diagram is the plot of accumulated ⁱⁿ inflow or outflow versus time. The mass curve of supply is therefore, first drawn ~~the~~ and is superimposed by the demand curve.

- From the past records, determine the hourly demand for all 24 hours for typical day
- Calculate and plot the cumulative demand against time, and thus plot the mass curve of demand.