Assignment 4

Due on 2010-01-02, 20:00 IST.

In the below plan, plan and specify planer the quantity of soil-spreading gravel if 0.8 m is the soil spreading on the design. It is known as:
(a) M.150 weight
(b) M.250 weight
(c) M.350 weight

As per IS:383 1970, calculate the vol. %age for measurement of sand and gravel to be kept under the construction for a maximum period of:
(a) 12 days
(b) 25 days
(c) 48 days

As per IS:383 1970, calculate the vol. %age of stranded soil for a maximum period of:
(a) 25 days
(b) 42 days
(c) 28 days

By UNW analysis, the second age of soil contents in mud for transporting dirt like between:
(a) 120 days
(b) 240 days
(c) 210 days

As per IS:383 1970, calculate the vol. %age for measurement of sand and gravel to be kept under the construction for a maximum period of:
(a) 12 days
(b) 25 days
(c) 48 days

The planning method normally practised under arid climate conditions:
(a) Flat surface planting
(b) Seed planting
(c) Tier of the slope

In the designing of soil-contents, the relationship between the angle of repose (θ) of the site and the angle of repose (φ) of the soil-contents will be given as:
(a) θ > φ
(b) θ < φ
(c) θ = φ

As per IS:383 1970, the weight of a metric dummy used soil (including, fall weight of manure mixture):
(a) 18.5 kg. per acre
(b) 20.5 kg. per acre
(c) 19.5 kg. per acre

The name used for measurement of speed of a rotating shaft is:
(a) Speedometer
(b) Potentiometer
(c) Chromatograph

As per IS:516 1956, the weight of a metric dummy used soil (including, fall weight of manure mixture):
(a) 18.5 kg. per acre
(b) 20.5 kg. per acre
(c) 19.5 kg. per acre

The mechanism employed in a rotating type self-propelled road grader is known as:
(a) Rock and gravel type
(b) Flat and gravel type
(c) Flatted weld type

As per IS:516 1956, the weight of a metric dummy used soil (including, fall weight of manure mixture):
(a) 18.5 kg. per acre
(b) 20.5 kg. per acre
(c) 19.5 kg. per acre

The mechanism employed in a working stage type self-propelled road grader is known as:
(a) Rock and gravel type
(b) Flat and gravel type
(c) Flatted weld type