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ESTIMATION LECTURE – 2 || SSC JE PYQ || BY MOOLCHAND SIR

Q : 1) A document containing detailed description of all the items of work (but their quantities are not mentioned) together with their current rates is called

A : Tender

B : Schedule of rates

ESTIMATION LECTURE – 2 || SSC JE PYQ || BY MOOLCHAND SIR

Q : 2) The brick-work is measured in square metre in case of

A : Honey comb brick work

B : Brick flat soling

C : Half brick walls on the partition

D : All option are correct

ESTIMATION LECTURE – 2 || SSC JE PYQ || BY MOOLCHAND SIR

Q : 3) Cost slope of the direct cost curve is given by

A :
$$\frac{\text{Crash cost} - \text{normal cost}}{\text{Nominal time} - \text{crash time}}$$

B :
$$\frac{\text{Crash cost} - \text{normal cost}}{\text{crash time}}$$

C :
$$\frac{\text{Crash cost} - \text{normal cost}}{\text{Nominal time}}$$

D :
$$\frac{\text{nominal cost} - \text{crash cost}}{\text{crash time}}$$

ESTIMATION LECTURE – 2 || SSC JE PYQ || BY MOOLCHAND SIR

Q : 4) The covered area of a proposed building is 150 m^2 and it includes a rear courtyard of $5 \text{ m} \times 4 \text{ m}$. If the prevailing plinth area rate for similar building is Rs $1250/\text{m}^2$, what is its cost (in Rs)?

A : 187500

B : 212500

C : 162500

D : 375000

ESTIMATION LECTURE – 2 || SSC JE PYQ || BY MOOLCHAND SIR

Q : 5) The unit of measurement in per quintal for :

A : Collapsible gate with rails

B : Rolling shutters

C : Expanded metal wire netting

D : Reinforcement of RCC works

ESTIMATION LECTURE – 2 || SSC JE PYQ || BY MOOLCHAND SIR

Q : 6) For building project estimate which method is generally used in PWD?

A : Long wall and short wall method

B : Centre line method

C : Crossing method

D : Short wall method

ESTIMATION LECTURE – 2 || SSC JE PYQ || BY MOOLCHAND SIR

Q : 7) The objectives of creating the sinking fund is to accumulate the sufficient money to _____

A : Meet cost of construction and replacement after its useful life

B : pay taxes

C : Recover the cost of construction

D : Save money for future

ESTIMATION LECTURE – 2 || SSC JE PYQ || BY MOOLCHAND SIR

Q : 8) The knowledge of which items is necessary for analysis of rates?

A : Contractor's profit

B : Tools and plant expenditure

C : task of a labour in one day

D : All option are correct

ESTIMATION LECTURE – 2 || SSC JE PYQ || BY MOOLCHAND SIR

Q : 9) How many bags of cement are required for 14 cubic meter of cement concrete work (1 : 2 : 4)?

A : 58

B : 70

C : 88

D : 116

ESTIMATION LECTURE – 2 || SSC JE PYQ || BY MOOLCHAND SIR

Q : 10) Which of the following is correct statement for the cubic content methods?

A : Cost of building is estimated by multiplying the total area with areal rate

B : It is based on the total area of the building

C : It is less accurate as compared to plinth area estimate

D : It is best suitable for the estimate of multi storey building

ESTIMATION LECTURE – 2 || SSC JE PYQ || BY MOOLCHAND SIR

Q : 11) What percentage of total cost is added in the cost of construction for contingencies?

A : 2%

B : 155

C : 1%

D : 15%

ESTIMATION LECTURE – 2 || SSC JE PYQ || BY MOOLCHAND SIR

Q : 12) What is the unit of measurement for steel reinforcement?

A : Number

B : Kilograms

C : Running meter

D : Quintal

ESTIMATION LECTURE – 2 || SSC JE PYQ || BY MOOLCHAND SIR

Q : 13) What is the density of the mild steel in quintal per cubic meter?

A : 7.58

B : 78.5

C : 490

D : 7850

ESTIMATION LECTURE – 2 || SSC JE PYQ || BY MOOLCHAND SIR

Q : 14) Which one is the correct option for the damp proof course?

A : It is measured in the cubic meter

B : It is measured in running meter

C : It is not provided at sills of doors

D : It is provided for half the width of the plinth wall

ESTIMATION LECTURE – 2 || SSC JE PYQ || BY MOOLCHAND SIR

Q : 15) Calculate the years' purchase for a property of useful life of 30 years and rate of interest of 5% per annum.

A : 0.05

B : 0.2

C : 2

D : 20

ESTIMATION LECTURE – 2 || SSC JE PYQ || BY MOOLCHAND SIR

Q : 16) The inside wall of a septic tank is finished with 12 mm cement plaster with 1 : 4 cement mortar. Calculate the quantity of the cement (cubic metre) required if the size of septic tank is $6\text{m} \times 4\text{m} \times 2\text{m}$

A : 0.096

B : 0.115

C : 0.147

D : 0.165

ESTIMATION LECTURE – 2 || SSC JE PYQ || BY MOOLCHAND SIR

Q : 17) Calculate the number of bags of cement required for the 12 mm thick plastering of a wall of 5m long, 3.5 m high and 300 mm thick, if 1 : 3 cement mortar is used

A : 3

B : 4

C : 5

D : 6

ESTIMATION LECTURE – 2 || SSC JE PYQ || BY MOOLCHAND SIR

Q : 18) Calculate the approximate estimate of a four storey building, if the total plinth area is 300 square metres per floor and height of floor is 3m. The cubic content rate is Rs. 2000 per cubic metre and profit of contractor is 10% of the total cost.

A : 2400000

B : 2640000

C : 7200000

D : 7920000



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