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ESTIMATION COSTING LECTURE – 5 || SSC JE PYQ || BY MOOLCHAND SIR

Q : 1) For estimation of masonry work and excavation work accuracy requirement in the measurement of length as compared to thickness or width is

A : Less

B : More

C : Equal

D : Independent

ESTIMATION COSTING LECTURE – 5 || SSC JE PYQ || BY MOOLCHAND SIR

Q : 2) Accuracy in measurement of the area should be

A : 1 square centimeter

B : 10 square centimeter

C : 100 square centimeter

D : 1 square meter

ESTIMATION COSTING LECTURE – 5 || SSC JE PYQ || BY MOOLCHAND SIR

Q : 3) Calculate the volume (cubic metre) of dry mortar required for 1 cubic metre brick work

A : 0.18

B : 0.23

C : 0.3

D : 0.45

ESTIMATION COSTING LECTURE – 5 || SSC JE PYQ || BY MOOLCHAND SIR

Q : 4) Accuracy in the measurement of the thickness of slab or section dimension of column and beam (in centimetre) should be

A : 0.5

B : 1

C : 5

D : 10

ESTIMATION COSTING LECTURE – 5 || SSC JE PYQ || BY MOOLCHAND SIR

Q : 5) Which of the following person function as an arbitrator in public work department?

A : Chief engineers

B : Junior engineer

C : Superintending engineer

D : Supervisor

ESTIMATION COSTING LECTURE – 5 || SSC JE PYQ || BY MOOLCHAND SIR

Q : 6) For estimation of painting area of corrugated sheets percentage increase in area above the plain area is _____

A : 10%

B : 14%

C : 20%

D : 25%

ESTIMATION COSTING LECTURE – 5 || SSC JE PYQ || BY MOOLCHAND SIR

Q : 7) The length, width and height of a wall are given as 800 cm, 500 cm, and 50 cm respectively, what will be the total cost (Rs.) of brick work, if the rate of brickwork is Rs 320 per cubic metre?

A : 4000

B : 6400

C : 10500

D : 12860

ESTIMATION COSTING LECTURE – 5 || SSC JE PYQ || BY MOOLCHAND SIR

Q : 8) In the centre line method of working out volumes; for cross walls; what deductions must be made from the centre line length at each junction?

A : Twice the breadth

B : Half the breadth

C : 1.5 breadth

D : None of these

ESTIMATION COSTING LECTURE – 5 || SSC JE PYQ || BY MOOLCHAND SIR

Q : 9) The plinth area rate and plinth area of a building is Rs. 5500 per Sq.m and 150 Sq.m respectively. What is the total cost (Rs.) of building considering cost of electrification as 7% cost of sanitary fitting sd 16% cost of roads and lawn as 6.5% and cost of contingencies as 4.5%

A : 50000

B : 825000

C : 982860

D : 1105500

ESTIMATION COSTING LECTURE – 5 || SSC JE PYQ || BY MOOLCHAND SIR

Q : 10) Calculate the total quantity (cubic metre) of the coarse aggregate required for an isolated rectangular footing of size $3\text{m} \times 2\text{m}$, if $1 : 2 : 4$ cement, concrete is used. The depth of the footing is 6000 mm.

A : 2.05

B : 2.46

C : 3.16

D : 3.82

ESTIMATION COSTING LECTURE – 5 || SSC JE PYQ || BY MOOLCHAND SIR

Q : 11) The information which cannot be included in drawing's is conveyed to the estimator through

A : Specifications

B : Cover note

C : progress chart

D : None of these

ESTIMATION COSTING LECTURE – 5 || SSC JE PYQ || BY MOOLCHAND SIR

Q : 12) Deduction at T-junction of the wall for total length of the central line is _____

A : Half of thickness of wall

B : No deduction

C : Thickness of wall

D : Twice of the thickness of wall

ESTIMATION COSTING LECTURE – 5 || SSC JE PYQ|| BY MOOLCHAND SIR

Q : 13) The value of property during its useful life based on purchase value and depreciation etc. is known as

A : Junk value

B : Salvage value

C : Scrap value

D : Book value

ESTIMATION COSTING LECTURE – 5 || SSC JE PYQ || BY MOOLCHAND SIR

Q : 14) Capitalized value of property is the product of

A : Annual income and annuity

B : Annual income and interest

C : Annual income and sinking fund

D : Annual income and years purchase

ESTIMATION COSTING LECTURE – 5 || SSC JE PYQ || BY MOOLCHAND SIR

Q : 15) Threading in the iron is measured in _____

A : Centimeter

B : Kilograms

C : Number

D : Square centimeter

ESTIMATION COSTING LECTURE – 5 || SSC JE PYQ || BY MOOLCHAND SIR

Q : 16) Which of the following is the unit of measurement for rivets?

A : Bags

B : Cubic meter

C : Numbers

D : Quintal

ESTIMATION COSTING LECTURE – 5 || SSC JE PYQ || BY MOOLCHAND SIR

Q : 17) calculate the area (square metre) of the formwork required for 2m span and cross-section dimension of 400 mm × 200 mm

A : 0.8

B : 0.16

C : 1.2

D : 2

ESTIMATION COSTING LECTURE – 5 || SSC JE PYQ || BY MOOLCHAND SIR

Q : 18) calculate the preliminary estimate for a building having a total carpet area of 500 square meters. Extra provision as 10% of the carpet area is provided for walls and varandah. The plinth area rate is Rs 1200 per Sq. meter

A : 60000

B : 540000

C : 600000

D : 660000

ESTIMATION COSTING LECTURE – 5 || SSC JE PYQ || BY MOOLCHAND SIR

Q : 19) calculate the weight (Kg) per meter length of 25 mm diameter steel bar place at a spacing of 250 mm center by center for 1 meter.

A : 0.96

B : 3.85

C : 7.7

D L 15.43

ESTIMATION COSTING LECTURE – 5 || SSC JE PYQ || BY MOOLCHAND SIR

Q : 20) What is the total cost (Rs.) according to approximate estimate of hostel building with capacity of 75 beds? The altogether cost per bed is given as Rs.20000.

A : 500000

B : 850000

C : 1500000

D : 5500000

ESTIMATION COSTING LECTURE – 5 || SSC JE PYQ || BY MOOLCHAND SIR

Q : 21) calculate the annual percentage of depreciation of a machine using the constant percentage method, If purchasing cost is Rs.12000 and scrap value is Rs. 3000 and life of the machine is 8 years

A : 9.37

B : 16

C : 26.67

D : 33.33

ESTIMATION COSTING LECTURE – 5 || SSC JE PYQ || BY MOOLCHAND SIR

Q : 22) The expected out turn of 2.5 cm cement concrete floor per mason per day

A : 2.5 square metre

B : 5.0 square metre

C : 7.5 square metre

D : 10 square metre

ESTIMATION COSTING LECTURE – 5 || SSC JE PYQ|| BY MOOLCHAND SIR

Q : 23) Which one of the following method is used for the approximate estimation?

A : Both central line and short wall and long wall method

B : Central line method

C : Plinth area method

D : Short wall and long wall method

ESTIMATION COSTING LECTURE – 5 || SSC JE PYQ || BY MOOLCHAND SIR

Q : 24) What is the approximate cost of the complete labour a percentage of the total cost of the building

A : 0.1

B : 0.25

C : 0.4

D : 0.025

ESTIMATION COSTING LECTURE – 5 || SSC JE PYQ|| BY MOOLCHAND SIR

Q : 25) in case of laying gullies, siphons, intercepting traps, the cost includes

A : Setting and laying

B : Bed concreting

C : Connection of drains

D : All options are correct

ESTIMATION COSTING LECTURE – 5 || SSC JE PYQ || BY MOOLCHAND SIR

Q : 26) Pick up the excavation where measurements are made is square meters for pavement.

A) Ordinary cuttings up to 1 m

B) Surface dressing up to 15 cm depths

C) Surface excavation upto 30 cm depths

Options

A : A only

B : B only

C : C only

D : Both B and C

ESTIMATION COSTING LECTURE – 5 || SSC JE PYQ || BY MOOLCHAND SIR

Q : 27) The value of demolished material is known as

A : Scrap value

B : Salvage value

C : Resultant value

D : Material value

ESTIMATION COSTING LECTURE – 5 || SSC JE PYQ || BY MOOLCHAND SIR

Q : 28) The approximate volume of cement required to prepare 100 m^3 of 1 : 2 : 4 concrete is

A : 16 m^3

B : 32 m^3

C : 25 m^3

D : 21 m^3

ESTIMATION COSTING LECTURE – 5 || SSC JE PYQ || BY MOOLCHAND SIR

Q : 29) The value of the property at the end of its useful life (without being dismantled) is known as :

A : Salvage value

B : Scrap value

C : Book value

D : Junk value



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