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Q : 1) If the cross sectional areas of an embankment at 30 m intervals are 20, 40, 60, 50 and 30 m² respectively, then the volume of the embankment on the basis of prismoidal rule is

A : 5300 m³

B : 8300 m³

C : 9300 m³

D : 9400 m³

Q : 2) The formation width of a highway with no transverse slope on an embankment is B . The height of the embankment is d and side slope of the embankment is $S:1$. The area of cross section of the embankment is

A : $B + d + Sd$

B : $B \times d + Sd$

C : $B \times d + Sd^2$

D : $\frac{1}{2} (B \times d + Sd^2)$

Q : 3) The approximate cost of a building can be found out by

A : Service – unit method

B : Square – metre method

C : Cubic – metre method

D : All of these

Q : 4) While estimating for building, the length of long walls and short walls is to be found out at the centre lines of the walls called

A : Long wall short wall method

B : Crossing method

C : Centre line method

D : Whole to part

Q : 5) Pick up the incorrect statement from the following :

A : The built-up covered area at the floor level of any storey of a building is called plinth area

B : The usable covered area of the rooms of any storey of a building is called carpet area

C : The carpet area of a building along with unit area of its kitchen, pantry, store, lavatory, bathroom and glazed verandah is called floor area

D : None of these

Q : 6) What is the area of building, excluding the area occupied by walls?

A : Net area

B : Plinth area

C : Carpet area

D : Floor area

Q : 7) Group B buildings are :

A : Residential

B : Institutional

C : Assembly

D : Educational

Q : 8) The number of cement bags required in making plane cement concrete flooring in an area of size 3 m × 3 m and 100 mm thick using cement concrete of mix 1 : 3 : 6 is

A : 4 bags

B : 44 bags

C : 2.6 bags

D : 26 bags

Q : 9) The unit of measurement for earthwork in surface excavation exceeding 1.5 m in width as well as 10 sqm on plan but not exceeding 30 cm in depth, is in-

A : Cu.m

B : Sq.m

C : 10 sq. m

D : R.mt

Q : 10) The capitalized value of a property fetching a net annual rent of Rs. 1000 with highest rate of interest prevailing being 5%, would be-

A : Rs 800

B : Rs 1000

C : Rs 10,000

D : Rs 20,000

Q : 11) When additional works were found necessary during construction, which were not contemplated at the beginning, the estimate prepared for such items is known as :

A : Preliminary estimate

B : Complementary estimate

C : Supplementary estimate

D : Revised estimate

Q : 12) Working out the exact quantities of various items of work is known as

A : A estimating

B : Mensuration

C : Quantity surveying

D : Valuation

Q : 13) Read the following statements carefully

(i) Plinth area is calculated by taking the external dimensions of the building at the floor level excluding plinth offsets if any.

(ii) Balconies and cantilever projections are not included in the plinth area

(iii) Floor area is equal to plinth area minus area occupied by walls

Now, choose the correct answer from the following

A : Only (i) and (ii) are correct

B : Only (ii) and (iii) Are correct

C : Only (i) and (iii) are correct

D : All (i), (ii), (iii) are correct

Q : 14) In building estimate, cornice are measured in

A : Number (nos.)

B : Running meter

C : Square meter

D : Cubic meter

Q : 15) If the length of 16 mm diameter bar is 10 m, then its weight is

A : 16.5 kg

B : 16.9 kg

C : 15.8 kg

D : 16.2 kg

Q : 16) In long wall and short wall method of estimation which one of the following is correct?

A : Short wall length in-to-in = centre to centre length – one breadth

B : Short wall length in-to-in = centre to centre length + one breadth

C : Long wall length out-to-out = centre to centre length + one breadth

D : Long wall length out-to-out = centre to centre length – two breadth

Q : 17) The years purchase for 65 interest is:

A : 20

B : 13.33

C : 16.67

D : 0.06

Q : 18) Which of the following items of work would necessarily be included in the estimation of plinth area?

A : Wall thickness

B : Room area

C : Verandah area

D : All of the above

Q : 19) Estimate the quantities of plastering (two faces) that is 3 m long, 3 m high and 30 cm Thick.

A : 18 m²

B : 27 cum

C : 18 cum

D : 27 m²

Q : 20) Quantity of earthwork in excavation for foundation of a room size 4.20 m × 3.60 m whose wall thickness is 30 cm, breadth of foundation 90 cm and depth of excavation 1 m, is

A : 15.12 m³

B : 14.04 m³

C : 16.20 m³

D : None of these

Q : 21) Estimate the cost of brick work for a wall of 4 m long, 3 m high and 30 cm thick. The rate of brick work is Rs 1,500 per Cu.m.

A : Rs 5,40,000

B : Rs 54,000

C : Rs 18,000

D : Rs 5,400

Q : 22) The revised estimate will be prepared when the original estimate is likely to excess more than

A : 5%

B : 10%

C : 10.5%

D : 11%

Q : 23) For 10 m^3 of reinforced brick work, the number of bricks used will be

A : 2000

B : 3700

C : 4200

D : 5000

Q : 24) Unit of measurement of rock excavation is :

A : m^3

B : m^2

C : cm

D : ft^2

Q : 25) The carpet area of a residential building may be _____ of plinth area

A : 15% to 30%

B : 30% to 40%

C : 40% to 50%

D : 50% to 65%

Q : 26) A document containing detailed description of all the items of work together with their current rates is called

A : Analysis of rates

B : Abstract of estimate

C : Schedule of rates

D : None of these

Q : 27) Earnest money is generally asked to be deposited

A : At the time of purchase of tender document

B : At the time of submission of bid

C : By the successful bidder after he gets the letter of acceptance

D : At the time of entering the agreement

Q : 28) Direction : Match List I with list II and select the correct answer using code given below the two list in each question.

List-I	List-II
A. Valuation	1. Determining price of property
B. Mortgage	2. Charges levied on property
C. Taxation	3. Security taken for giving load
D. Specification	4. Mode of describing nature and class of work

Code :

A : 1, 2, 3, 4

B : 1, 3, 2, 4

C ; 4, 3, 2, 1

D : 3, 4, 2, 1

Q : 29) Assertion (A) : Earnest money deposit is usually 1% to 2% of the total estimated cost of the work.

Reasoning (R) : Earnest money deposit prevents unnecessary and unhealthy competition.

A : Both (A) and (R) are true

B : Both (A) and (R) are false

C : (A) is true and (R) is false

D : (A) is false and (R) is true

Q : 30) Which of the following is considered as outgaining in expenses?

- (i) Repairs**
- (ii) Sinking fund**
- (iii) Loss of rent**

A : (i) and (ii)

C : (i) and (iii)

B : (ii) and (iii)

D : (i), (ii) and (iii)

Q : 31) The cross-section of a strip footing is shown below:

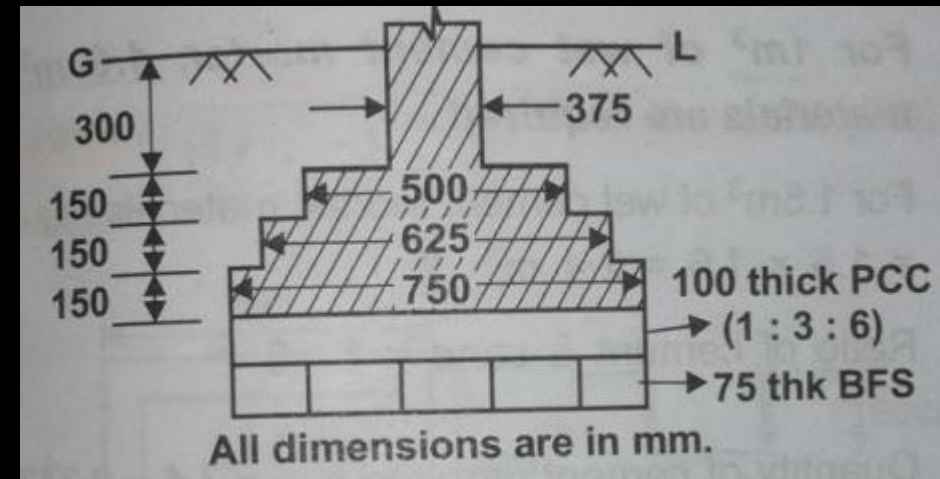
The quantity of 150 thick PCC (1 : 3 : 6) per meter length of footing is :

A : 0.094 Sq.m

B : 0.094 Cu.m

C : 0.625 Sq.m

D : 0.625 Cu.m



**Q : 32) The number of bricks
(conventional size) required for one
square meter of brick on edge soling is
:**

A : 54

B : 64

C : 34

D : 44

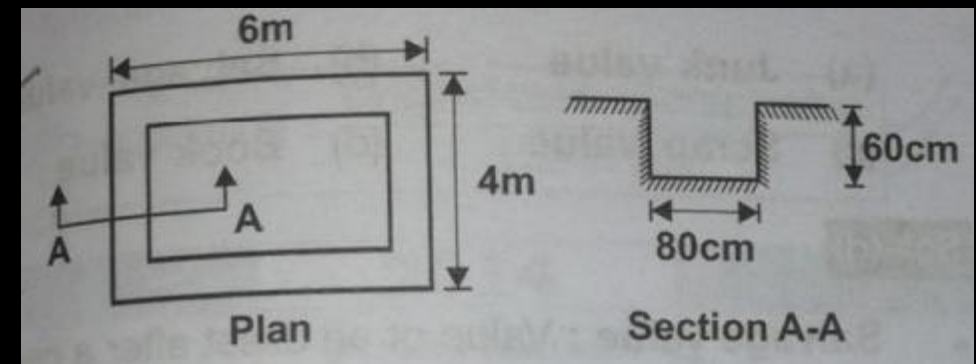
Q : 33) The above figure represents plan and section of an excavation layout. The volume of earthwork in excavation of foundation trench is:

A : 6.528 Cu.m

B : 8.064 Cu.m

C : 8.832 Cu.m

D : 9.600 Cu.m



Q : 34) One brick thickness of wall is roughly equal to

A : 10 cm

B : 15 cm

C : 20 cm

D : 30 cm

Q : 35) Estimate for electrical wiring is prepared on the basis of

A : Voltage

B : Power

C : Number of appliances

D : Number of points

Q : 36) When actual cost of construction plus certain profit is paid to the contractor then such a contract is known as :

A : Unscheduled contract

B : Nominated contract

C : Cost plus percentage contract

D : Work order

Q : 37) A cement concrete road is 1000 m long 8 m wide and 15 cm thick over the sub-base of 10 cm thick gravel. The box cutting in road crust is

A : 500 m³

B : 1000 m³

C : 1500 m³

D : 2000 m³

Q : 38) The nominal lead and lift allowed for the earthwork in the excavation of the foundation are

A : 50 m and 2 m

B : 30 m and 2 m

C : 30 m and 1.5 m

D : 20 m and 1 m

Q : 39) Which of the following is a dummy activity?

A : Excavate the foundations

B : Waiting for the arrival of concrete materials

C : Lay the foundation concrete

D : Cure the foundation concrete

Q : 40) Calculate the annual depreciation (Rs.) of a machine having initial cost of RS 10000. The scrap value is Rs. 1000 and useful life of 30 years.

A : 300

B : 367

C : 1333

D : 333333

Q : 41) Scrap value of a property may be _____

A : Both negative or positive

B : Constant

C : Negative

D : Positive



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