Program: BE --CIVIL Engineering

Curriculum Scheme: Revised 2016

Examination: Final Year BE

Course Code: CEC701 and Course Name: Quantity Survey Estimation and Valuation

Time: 1 hour   Max. Marks: 50

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07 October 2020_R16_CE_VII_CEC701_QP4

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Note to the students:- All the Questions are compulsory and carry equal marks .

Q1.	The Plastering is measured in
Option A:	Cubic Meter
Option B:	Square Meter
Option C:	Meter
Option D:	RMT
Q2.	Pick up the incorrect statement from the following
Option A:	Dimensions are measured to the nearest 0.01 m
Option B:	Areas are measure to the nearest 0.01 square meter
Option C:	Cubic contents are measured to the nearest 0.1 cum
Option D:	weights are measured nearest 0.001 tons
Q3.	Calculate the number of cement bags required for 500 kg of cement.
Option A:	10
Option B:	5
Option C:	25
Option D:	50
Q4.	The unit of payment of cement concrete in lintels is
Option A:	Per sqm
Option B:	Per cum
Option C:	Quintal
Option D:	Kilograms
Q5.	Quantity of bricks required for 10 cubic meter of brick work is
Option A:	4000
Option B:	500
Option C:	5000
Option D:	1000

Q6.	In this method approx. total length of walls is found in running metre and this total length multiplied by the rate per running metre of wall gives a fairly accurate cost.
Option A:	Cubic Rate Method
Option B:	Unit rate Method
Option C:	Approximate Quantities Method
Option D:	Typical Bay Method
Q7.	Damp Proof Course is Measured in
Option A:	Length
Option B:	Area
Option C:	Volume
Option D:	Weight
Q8.	The relation between weight, diameter and length of the steel is
Option A:	DL2/162
Option B:	LD/162
Option C:	LD2/162
Option D:	LD2/172
Q9.	The density of steel may be taken as
Option A:	8850 kg/m^3
Option B:	7850 kg/m^3
Option C:	6850 kg/m^3
Option D:	5850 kg/m^3
Q10.	Volume of one bag of cement is
Option A:	0.035m^3
Option B:	0.057m^3
Option C:	0.31m^3
Option D:	0.735m^3
Q11.	Wet volume of cement mortar required for 10 cubic meter of brick masonry is
Option A:	4.235m^3
Option B:	2.305m^3
Option C:	7.285m^3
Option D:	9.210m^3
Q12.	Calculate the cutting length of the 2 legged stirrup of size 300 mm X 700 mm for 10 mm diameter
Option A:	1870 mm
Option B:	730 mm
Option C:	630 mm
Option D:	2340 mm
Q13.	The standard unit for the steel in bar bending schedule is

Option A:	Meter
Option B:	Cubic meter
Option C:	Kg
Option D:	Square meter
Q14.	The expected output for earth work in excavation in ordinary soil per mazdoor per day is
Option A:	1 cum
Option B:	2 cum
Option C:	3 cum
Option D:	4 cum
Q15.	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
Option A:	500 m3
Option B:	1000 m3
Option C:	1500 m3
Option D:	2000 m3
Q16.	The ground surface slopes 1 in 50 along a proposed railway embankment 150 m in length. The height of the embankment at zero chainage is 0.5 m, the width is 11 m and side slopes 2: 1. If the falling gradient of the embankment is 1 in 150, the quantity of the earthwork calculated by prismoidal formula, is
Option A:	3250 m3
Option B:	3225 m3
Option C:	3275 m3
Option D:	3300 m3.
Q17.	Which of these is not mentioned in a tender?
Option A:	Date
Option B:	Notice number
Option C:	Sign
Option D:	Designation
Q18.	Earnest money deposit is not accepted in
Option A:	Challan
Option B:	Draft
Option C:	Cash
Option D:	Cheque
Q19.	Where is the name of the organization mentioned in the tender?
Option A:	Top left
Option B:	Top center
Option C:	Top right
Option D:	Bottom center

Q20.	An amount which has to be set aside at fixed intervals of times
Option A:	net annual return x year's purchase
Option B:	sinking fund
Option C:	Depreciation
Option D:	Annuity
Q21.	The value of property recorded in the register of municipality is
Option A:	salvage valve
Option B:	market value
Option C:	assessed value
Option D:	sinking fund
Q22.	An amount worked out adding the cost of production
Option A:	Cost
Option B:	Rate
Option C:	Price
Option D:	Value
Q23.	Bills raised at certain intervals of cumulative nature, for the portion of work completed are called
Option A:	Part bills
Option B:	Final bills
Option C:	Running bills
Option D:	Labor bills
Q24.	The site office and administrative setup associated with a project is included in
Option A:	work charged establishment
Option B:	Contingencies
Option C:	Sundries
Option D:	contractors profit
Q25.	Technical sanction of a project is obtained after submission of
Option A:	Initial budget
Option B:	Approximate estimation
Option C:	Tendering
Option D:	Detailed estimation

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Question	Correct Option (Enter either 'A' or 'B' or 'C' or 'D')
Q1.	B
Q2.	C
Q3.	A
Q4	B
Q5	C
Q6	C
Q7	B
Q8.	C
Q9.	B
Q10.	A
Q11.	B
Q12.	A
Q13.	C
Q14.	C
Q15.	D

Q16.	B
Q17.	C
Q18.	B
Q19.	B
Q20.	B
Q21.	C
Q22.	C
Q23.	C
Q24.	A
Q25.	D