

Q.35 Calculate dry material required for cement plaster (1:4) 15 mm thick sand mortar for 50m² area.

SECTION-D

Note: Long answer type questions. Attempt any two questions out of three questions. (2x10=20)

Q.36 Calculate cost of material for 50m³ brick work in 1:4 ratio. Cost of cement @ 400/- per bag cost of sand @ 1000/- per m³ and cost of one brick @ 8/- per brick.

OR

Prepare tender document for construction of a small house as per drawing.

Q.37 Explain advantage and disadvantage of various type of contract.

Q.38 Write down the specification for 1st class building.

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6th Sem / Branch : ARCH
Sub.: Quantity Surveying and valuation/ Qty
Surv., Val. & Spec.

Time : 3Hrs.

M.M. : 100

SECTION-A

Note: Multiple choice questions. All questions are compulsory (10x1=10)

Q.1 The unit of payment of sand filling in plinth

- a) Per m² b) Per m³
- c) Per m d) Per %m³

Q.2 The unit of measurement of floor is taken

- a) m³ b) m²
- c) m d) per m

Q.3 Detail estimate is more accurate than

- a) Plinth area b) Cubic content
- c) Rough estimate d) All above

Q.4 The unit of payment for painting is taken

- a) Per m b) Per m²
- c) Per m³ d) All of above

Q.5 The unit of payment for R.C.C. work

- a) per m³ b) per m²
- c) per m d) per % m

Q.6 Contractor profit is taken as

- a) 10% b) 15%
- c) 20% d) 5%

- Q.7 In analysis of rate the provision for T & Pis taken as labour cost of
- | | |
|-------|--------|
| a) 3% | b) 4% |
| c) 5% | d) 10% |
- Q.8 Scrap value is taken for
- | | |
|---------------|------------|
| a) Building | b) Machine |
| c) Both A & B | d) None |
- Q.9 The unit of measurement for shutter form is taken as
- | | |
|-------------------|-------------------|
| a) m ² | b) m ³ |
| c) m | d) All |
- Q.10 One bag carry cement
- | | |
|----------|----------|
| a) 50 kg | b) 60 kg |
| c) 40 kg | d) 30 kg |

SECTION-B

Note: Objective type questions. All questions are compulsory. (10x1=10)

- Q.11 Define estimate.
 Q.12 Define sinking fund.
 Q.13 Define scrap value.
 Q.14 Define standard measurement book.
 Q.15 What do you understand by single cover bid tender.
 Q.16 Define security deposit.
 Q.17 Define tender notice.
 Q.18 What is the meaning CSR.

- Q.19 Define overheads.
 Q.20 Define valuation.

SECTION-C

Note: Short answer type questions. Attempt any twelve questions out of fifteen questions. (12x5=60)

- Q.21 What is the duty of quality Surveyor in relation to accounts.
 Q.22 Name various types of estimate. Explain any one.
 Q.23 What are general rules of measurement.
 Q.24 Explain centre line method of building estimates.
 Q.25 Draw Detail of measurement and abstract cost of form.
 Q.26 What are the purpose of valuation.
 Q.27 What are the qualities of a good contractor.
 Q.28 Calculate Dry material required for cement concrete (1:2:4) in foundation for 10m³.
 Q.29 What are various documents required for inviting tender.
 Q.30 What are various item required for analysis of rate.
 Q.31 Calculate dry material required for 10m. Long wall 3m high having thickness 230 mm in 1:6 ratio.
 Q.32 Explain rental return method for valuation.
 Q.33 Write detail specification for excavation.
 Q.34 Explain various type of contract.