

Q.35 Calculate dry material required for cement plaster (1:4) 15 mm lives 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 50m^3 brick work in 1:4 ratio. Cost of cement @ 400/- per bag cost of sand @ 1000/- per m^3 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 pending 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) pe 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 & P is 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 from is taken as
- a) m² b) m³
- 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.