

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 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.

No. of Printed Pages : 4 180261/120261/030261
Roll No.

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) per m²
- c) per m
- d) per %m

Q.6 Contractor profit is taken as

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

(160)

(4) 180261/120261/030261

(1) 180261/120261/030261

- Q.7 In analysis of rate the provision for T & Pis taken as labour cost of
- 3%
 - 4%
 - 5%
 - 10%
- Q.8 Scrap value is taken for
- Building
 - Machine
 - Both A & B
 - None
- Q.9 The unit of measurement for shutter form is taken as
- m²
 - m³
 - m
 - All
- Q.10 One bag carry cement
- 50 kg
 - 60 kg
 - 40 kg
 - 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.

(2) 180261/120261/030261

- 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.

(3) 180261/120261/030261