

- Q.28 Explain replacement cost method for valuation.
 Q.29 Write detail specification of P.C.C. in foundation.
 Q.30 Calculate dry material required for 1m^3 break work in 1:6 ratio.
 Q.31 Write short note on running and maintenance cost of construction equipment.
 Q.32 Calculate dry material required for cement plaster (1:6) 12mm thick cement sand master for 10m^2
 Q.33 Write Short note on secured advance payment
 Q.34 Prepare chart for abstract cost of form
 Q.35 Name various documents required for inviting tender

SECTION-D

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

- Q.36 Calculate cost of cement concrete foundation for 10m^3 in 1:4:8 ratio. Rate of cement @ 400/- per bag, rate of sand @ 1000/- per m^3 and rate of Aggregate @ 1200/- per m^3 .

OR

Prepare tender document for R.C.C. work

- Q.37 Explain with example different method of taking out quantities.
 Q.38 Write down specification for 2nd class building.

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Branch : Arch

Subject:- Quantity Surveying & Valuation

Time : 3Hrs.

M.M. : 100

SECTION-A

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

- Q.1 The unit of measurements of earth felling in plants
 a) m^2 b) m^3
 c) per % m^3 d) per % m^2
- Q.2 The unit of measurement of D.P.C
 a) m^3 b) m
 c) m^2 d) All of above
- Q.3 Revised estimate is prepared when sanctioned estimate exceeded by
 a) 10 % of total cost b) 5% of total cost
 c) 15% of total cost d) 20% of total cost
- Q.4 For work charged establishment a certain percentage usually taken
 a) 2 % of estimate cost
 b) 5 % of estimate cost

- c) 10 % of estimate cost
d) 15 % of estimate cost
- Q.5 The unit of payment for skirting is taken
a) per m³ b) per m²
c) per m d) per % m²
- Q.6 The unit of payment for half brick thick wall is taken
a) per m² b) per m³
c) per m d) per mm
- Q.7 The Provision for Contractor profit is added in estimate
a) 5 % b) 15 %
c) 10 % d) 20 %
- Q.8 Out going expenses are
a) Taxes b) Repair
c) Collection Charges d) All of above
- Q.9 Scrap value is taken as about percentage of total cost of construction
a) 15 % b) 10 %
c) 20 % d) 5 %
- Q.10 The unit of measurement of plastering is taken in
a) m³ b) m²
c) m d) All of above

SECTION-B

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

- Q.11 Define Estimate
Q.12 Define Measurement Book
Q.13 Define Advance Payment
Q.14 Define Valuation
Q.15 Define Depreciation
Q.16 Define Salvage Value
Q.17 What is the meaning of contract
Q.18 Define earnest money
Q.19 Define tender
Q.20 What is the meaning of CSR

SECTION-C

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

- Q.21 What is the duty of quantity surveyor in relation to work.
Q.22 Explain out to out in to in method of building estimate
Q.23 Explain various rules of measurements.
Q.24 Explain principles of valuation.
Q.25 Write advantages of lump-sum contract.
Q.26 Calculate dry material required for cement concrete (1:3:6) in foundation for 20 m³
Q.27 Write steps involved in analysis of rate.