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Roll No.

170755/030755/756

5th Sem / Branch : Civil Engineering
Sub. : Quantity Surveying

Time : 3Hrs.

M.M. : 100

SECTION-A

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

- Q.1 The Procedure of finding out the value or fair price of a property depends upon the life of property is (CO1)
a) Estimate b) Costing
c) Valuation d) All of the above
- Q.2 The Estimate which when actual estimate is likely to exceed more than detailed estimate are termed as Annual Repair estimate. (CO-2)
a) Supplementary Estimate
b) Revised Estimate
c) None of the above
- Q.3 Estimate expected to be least accurate is (CO-2)
a) Plinth area estimate
b) Detailed estimate
c) Supplementary estimate
d) Revised Estimate
- Q.4 What is the Unit of Measurement (in MKS) of D.P.C.? (CO-3)
a) cm b) m
c) Cubic-cm d) sq m
- Q.5 What is the Unit of Measurement (in MKS) of Brick edging? (CO-3)
a) m b) sq m
c) cu m d) None of the above

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- Q.6 The determination of rate per unit of particular item of work is (CO-6)
a) Analysis of Rates b) Analysis of Items
c) Analysis of Work d) All of the above
- Q.7 A person who brings the ideas of owners expressed in the form of drawings, into reality is (CO-8)
a) Engineer b) Contractor
c) Supervisor d) Architect
- Q.8 Which of the following is not a type of tender? (CO-8)
a) Item rate Tender b) Lump-sum Tender
c) Cost Plus Tender d) Bill Plus Tender
- Q.9 The loss in the value of the property due to its wear and tear, structural deterioration is (CO-9)
a) Depreciation b) Year purchase
c) Salvage value d) Sinking fund
- Q.10 The amount shown in the account book after allowing for necessary depreciation is (CO-9)
a) Depreciation b) Market value
c) Scrap value d) Book value

SECTION-B

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

- Q.11 List three duties of quantity surveyor. (CO-1)
- Q.12 Define Plinth Areas. (CO-2)
- Q.13 Define Contingencies. (CO-2)
- Q.14 1% of the total cost of materials and labour considered as _____. (CO-6)
- Q.15 The capacity of doing work by skilled labour per day is known as _____. (CO-6)
- Q.16 Define Overhead Costs. (CO-6)
- Q.17 Define Security Deposit. (CO-8)
- Q.18 Define Item rate Contract. (CO-8)

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- Q.19 _____ is an offer in writing for execution of certain specified work subject to certain terms and conditions such as rates, time, limit etc. (CO-8)
- Q.20 The replacement cost method is used to evaluate the _____. (CO-9)

SECTION-C

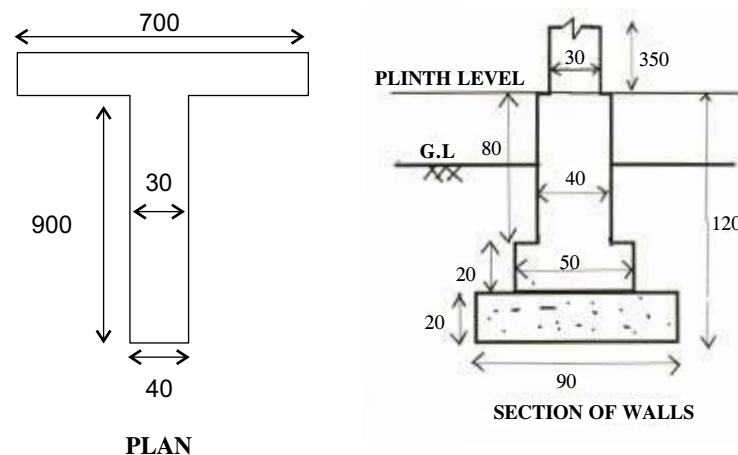
- Note:** Short answer type questions. Attempt any twelve questions out of fifteen questions. (12x5=60)
- Q.21 List any five rules of measurements. (CO-3)
- Q.22 Write down any five general specifications of a first-class building. (CO-4)
- Q.23 What do you mean by specifications? (CO-4)
- Q.24 Write short note on detailed estimate. (CO-4)
- Q.25 Explain Mid-Sectional Area method of earth work calculation. (CO-4)
- Q.26 Calculate the area of the side slopes of portion of a bank for a length of 600 m and the height of banks at the two ends being 3.50 m and 4 m and the ratio of the side slope 2:1. (CO-4)
- Q.27 Calculate the quantity of materials required for
1. Cement concrete (1:3:6) - 70 cu-m
2. 8 mm thick cement plaster - 25 sq-m (CO-5)
- Q.28 Calculate the quantity of materials required for
1. 10 mm thick D.P.C. (1:2:4) - 50 m
2. Brick masonry of 1:6 mortar - 20 cu-m (CO-5)
- Q.29 Write down the factors affecting rate analysis. (CO-6)
- Q.30 Write down the method of preparing analysis of rates. (CO-6)
- Q.31 Write any 5 guidelines while entering into contracts. (CO-7)
- Q.32 Explain various type of contracts. (CO-7)
- Q.33 Prepare the tender documents for RCC work. (CO-9)

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- Q.34 Differentiate between Scrap and Salvage value of a building. (CO-9)
- Q.35 Explain Year Purchase. (CO-9)

SECTION-D

- Note:** Long answer type questions. Attempt any two questions out of three questions. (2x10=20)
- Q.36 Explain Centre line and long wall short wall method of estimation. (CO-4)
- Q.37 Calculate the quantity of the following items of work from the figures given below (CO-4)
- Earthwork in excavation in foundation
 - Cement concrete (1:2:4) in foundation
 - 1st Class Brickwork (1:6) in foundation and plinth
 - 1st Class Brickwork in Superstructure
 - Cement Plaster 8mm thick (1:4)



- Q.38 Prepare a tender documents for the construction of a 2 BHK house. (CO-8)

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