

- Q.31 What do you understand by specification? Water is the purpose of it? (CO8)

Q.32 Prepare a tender document for Earth work. (CO8)

Q.33 Write down the general specifications for 1st class building. (CO8)

Q.34 Explain the factors affecting the valuation of a property. (CO9)

Q.35 Explain Sinking Fund with example. (CO9)

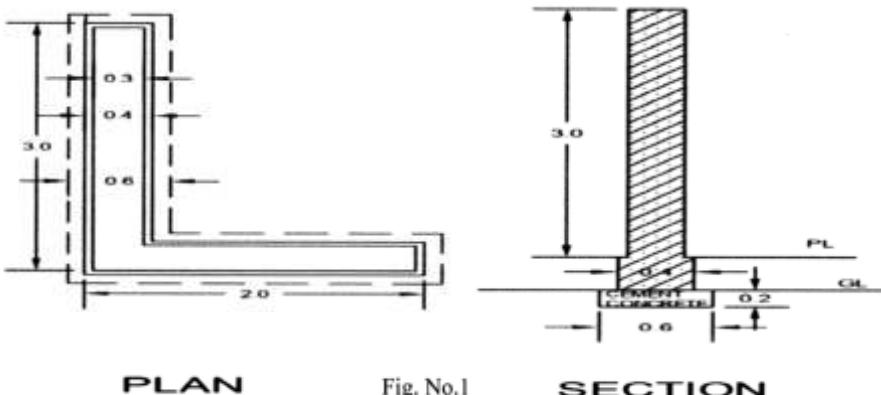
## **SECTION-D**

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

- Q.36 Differentiate between long wall and short wall method of estimating. (CO4)

Q.37 Prepare analysis of rates for Brick work in super structure 1:6 labour required or 15sq m is mason 12 Nos, and laborers 24 Nos. Also calculate materials. Make necessary provision. (CO6)

Q.38 Find the quality of earth work, cement concrete 1:8:16:1st class burnt brickwork in cement mortar 1:6 in plinth and foundation also in superstructure from the given plan and section of L, shaped wall as shows in Fig No. 1 (All dimensions in m)



(360)

(4)

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

Time : 3Hrs.

M.M. : 100

## **SECTION-A**

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

- Q.1 Annual repair estimates in also known as \_\_\_\_\_ (CO1)

  - a) Maintenance Estimate
  - b) Supplementary Estimate
  - c) Revised Estimate
  - d) All of the above

Q.2 Which of the following is not an approximate estimate? (CO1)

  - a) Per unit basis
  - b) Cubic rate method
  - c) Plinth area basis
  - d) Detailed estimates

Q.3 What percentage of the estimate cost is added in an estimate as a provision for miscellaneous petty items or expenses is (CO2)

  - a) 3% to 5%
  - b) 10% to 5%
  - c) 5% to 10%
  - d) None of these

Q.4 The unit of measurement of D.P.C. is (CO3)

  - a) Metre
  - b) Cubic m
  - c) Sq m
  - d) All of these

Q.5 The unit of measurement of Lintel is (CO3)

  - a) Metre
  - b) Cubic m
  - c) Sq m
  - d) All of these

Q.6 The reduction in volume of finished concrete over the total volume of material is taken as (CO5)

  - a) 40% to 45%
  - b) 50% to 55%
  - c) 45% to 50%
  - d) 55% to 60%

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- Q.7 An agreement that can be enforced by law at the option of one or more parties to the agreement but not at the option of others. (CO8)
- a) Void contact
  - b) Voidable contract
  - c) Simple contract
  - d) None of them
- Q.8 The contract in which the contractor will be paid fixed sum for the execution of the entire work as specified in the stipulated time and in addition schedule of rates. (CO9)
- a) Lump-Sum and schedule contract
  - b) Item rate contract
  - c) Cost plus or percentage contract
  - d) None of these
- Q.9 The value of the property in the dismantled condition after its life is over is (CO9)
- a) Book value
  - b) Scrap value
  - c) Market value
  - d) None of these
- Q.10 The loss in the value of the property due to its wear and tear is (CO9)
- a) Book value
  - b) Scrap value
  - c) Depreciation
  - d) None of these

### **SECTION-B**

- Note:** Objective type questions. All questions are compulsory. (10x1=10)
- Q.11 \_\_\_\_\_ estimates shows addition of work in addition to the original works. (CO2)
- Q.12 Define Quantity Surveying. (CO1)
- Q.13 What are the significance of estimating. (CO1)
- Q.14 Unit of measurement of cornice is \_\_\_\_\_. (CO3)
- Q.15 Define centre line method. (CO4)
- Q.16 What do you mean by analysis of rate. (CO6)
- Q.17 Define Item rate contract. (CO8)
- Q.18 Define Tender. (CO8)
- Q.19 Define years purchase. (CO9)
- Q.20 Define Distress value. (CO9)

### **SECTION-C**

- Note:** Short answer type questions. Attempt any twelve questions out of fifteen questions. (12x5=60)
- Q.21 Write down general specifications of a second class building. (CO3)
- Q.22 Enlist various methods of earthwork calculation. Explain any one in detail. (CO4)
- Q.23 Calculate the area of side slopes of portion of a bank for a length of 300 metre the heights of banks at the two ends being 2.60m and 3.60m and the ratio of the side slope 2:1. (CO4)
- Q.24 Work out the quantities of MS reinforcement for the following (CO4)

Member	Overall size	Details of Reinforcement
Lintel	150x30x15	<ul style="list-style-type: none"> <li>a) Main bars 12mm 3 nos. 2 straight and one bent</li> <li>b) Anchor bars 6mm 2 nos</li> <li>c) Stirrups 6mm at 15 cm C.C.</li> </ul>

- Q.25 Calculate quantities of materials required for the following: (CO5)
- a) Brick work in cement mortar 1:6-100m<sup>3</sup>
  - b) Cement concrete 1:2:4-100 m<sup>2</sup>
- Q.26 Write short note on : (CO5)
- a) water charges
  - b) contractor profit
  - c) task or out turn
- Q.27 Calculate the quantity for c.c. Floor ratio 1:2:4 for 800 sq m. (CO5)
- Q.28 Write down the method of preparing analysis of rates. (CO6)
- Q.29 Explain the essential elements of a contract. (CO7)
- Q.30 Explain Maintenance period. Retention period and power of accepting tender. (CO7)