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Roll No. ....

220754

**5th Sem.  
Branch : Civil  
Subject : Estimation & Costing**

Time : 3 Hrs. M.M. : 60

**SECTION-A**

**Note: Multiple Choice Questions. All Questions are compulsory.** (6x1=6)

Q.1 Which is the most correct estimate? (CO1)

- a) Cubic method
- b) Plinth area basis
- c) Detailed estimate
- d) Preliminary method

Q.2 The RCC work is calculated for beam, lintels, column, footing slab etc. is calculated in \_\_\_\_\_. (CO2)

- a) Numbers
- b) Quintal
- c) Cubic meter
- d) Kilogram

Q.3 While submitting a tender, the contractor is required to deposit some amount with the department as a guarantee of the tender is known as (CO3)

- a) Guarantee
- b) Earnest money
- c) Caution money
- d) Bank guarantee

Q.4 Which of the following is not included in tender documents? (CO4)

- a) Special terms & conditions
- b) Contract agreement
- c) Approved drawings
- d) All of the above

Q.5 Depreciation value of an asset is equal to (CO5)

- a) Cost - Scrap value
- b) Cost+Scrap value
- c) Cost+market price
- d) None of these

Q.6 Scrap value of the property may be (CO5)

- a) Positive only
- b) Constant
- c) Negative only
- d) Both negative & positive

**Section-B**

**Note: Objective/Completion type questions. All questions are compulsory.** (6x1=6)

Q.7 When the cost of the estimate exceed 10% or more, \_\_\_\_\_ estimate is prepared. (CO1)

Q.8 Define lead. (CO2)

Q.9 While submitting tender, the contractor is to deposit 2% of estimated cost as \_\_\_\_\_. (CO3)

(1)

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(2)

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- Q.10 Define unbalanced tender. (CO4)
- Q.11 Define Scrap value. (CO5)
- Q.12 Define valuation. (CO5)

### **Section-C**

**Note: Short answer type Question. Attempt any eight questions out of Ten Questions. (8x4=32)**

- Q.13 Write down the significance of estimating. (CO1)
- Q.14 Explain the steps involved in analysis of rates. (CO2)
- Q.15 Describe long & short wall method of finding out quantities. (CO2)
- Q.16 Write a short note on contract documents. (CO3)
- Q.17 Explain the qualities of a good contractor. (CO3)
- Q.18 Prepare the tender document for RCC work. (CO4)
- Q.19 Prepare the tender document for construction of a small house. (CO4)
- Q.20 What factors affect the valuation of property. (CO5)
- Q.21 What is year purchase? Explain. (CO5)
- Q.22 Write a note on "Depreciation of building". (CO5)

### **Section-D**

**Note: Long answer questions. Attempt any two question out of three Questions. (2x8=16)**

- Q.23 Describe the qualifications and characteristics of a good contractor. (CO3)
- Q.24 Prepare tender document for construction of an industrial shed. (CO4)
- Q25 Explain replacement cost & rental return method.(CO5)