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Roll No. ....

220754

**5th Sem / Civil**  
**Subject : Estimation & Costing**

Time : 3 Hrs.

M.M. : 60

**SECTION-A**

**Note:** Multiple choice questions. All questions are compulsory (6x1=6)

- Q.1 In a detailed estimate, the provision for contingencies is usually (CO1)  
a) 12%                                      b) 8%  
c) 3 to 5 %                                      d) 0.1%
- Q.2 The unit of measurement for R.C.C work is in (CO2)  
a) Metre                                      b) Cubic metre  
c) Numbers                                      d) Square metre
- Q.3 In analysis of rates, contractor profit is taken as (CO3)  
a) 1%                                      b) 10%  
c) 15%                                      d) 5%

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- Q.4 \_\_\_\_\_ page show the page number of contents of tender documents. (CO4)  
a) Opening page                      b) Index page  
c) Notice page                      d) None of these
- Q.5 Original cost of property minus depreciation is (CO5)  
a) Obsolence value                      b) Salvage value  
c) Reliable value                      d) Book value
- Q.6 The value at the end of utility period without being dismantled is (CO5)  
a) Salvage value                      b) Book value  
c) Market value                      d) Obsolescence

**SECTION-B**

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

- Q.7 \_\_\_\_\_ is the more reliable estimate (CO1)
- Q.8 Lintels are carted in RCC and quantity is calculated in \_\_\_\_\_ (CO2)
- Q.9 The type of contract in which the contractor quotes rate each of work without reference to any schedule of rates is called \_\_\_\_\_ (CO3)
- Q.10 Define Earthwork. (CO4)

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Q.11 \_\_\_\_\_ fund which is accumulated gradually by deposits for replacement of any construction at the end of its useful life. (CO5)

Q.12 The term used to denote the gradual reduction in the useful life of the asset is \_\_\_\_\_. (CO5)

### SECTION-C

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

Q.13 Enlist any four between preliminary and detailed estimate. (CO1)

Q.14 Write down the factors affecting the rate analysis. (CO2)

Q.15 Describe centre line method for finding out quantities. (CO2)

Q.16 Define earnest money and security deposit. (CO3)

Q.17 What do you understand by term contract? Explain in detail. (CO3)

Q.18 Prepare the tender document for Earthwork. (CO4)

Q.19 A mixer brought at Rs. 20000/- has scrap value of Rs. 4000 after 5 years. Find the constant percentage of depreciation. (CO4)

Q.20 What do you understand by: (Co5)

a) Capital Cost

b) Salvage value

c) Year's purchase

d) Sinking fund

Q.21 Explain the different methods of valuation. (CO5)

Q.22 Explain the term "Depreciation" in detail. (CO5)

### SECTION-D

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

Q.23 Enlist two advantages & two disadvantages of each. (Co3)

a) Item rate contract

b) Lumpsum contract

c) Scheduled contract

Q.24 Write the various steps involved in preparing the tender document for brick masonry in building. (CO4)

Q.25 Explain how comparative statements are being prepared in an item rate contract. (CO5)