

Dec.-22-0294

CE-702 (Quantity Surveying and Valuation)

B.Tech. 7th (CBCS)

Time : 3 Hours

Max. Marks : 60

The candidates shall limit their answers precisely within the answer-book (40 pages) issued to them and no supplementary/continuation sheet will be issued.

**Note :** Candidates are required to attempt five questions in all selecting one question from each of the sections A, B, C & D of the question paper and all the sub-parts of the question in section E compulsory.

**SECTION - A**

1. Explain the Estimate of R.C.C. beam, Slabs and Column with footing. (10)

OR

2. How water supply installations are done in septic tank, soak pit and pipe lines? (10)

**SECTION - B**

3. What is Anti-termite treatment? How rate can be analysed for such treatment? (10)

OR

4. Analyse the rates for 100 m<sup>2</sup> 12 mm thick cement sand plaster 1:6. Assume necessary data. (10)

**SECTION - C**

5. Write the detailed specification for:

- (a) Brick Masonry  
(b) Excavation and Concrete. (2×5=10)

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OR

6. What do you understand by term contract? Explain in detail various types of contract. And also explain the qualities of a good contractor. (10)

**SECTION - D**

7. What do you understand by valuation of property? What purpose it serves? Explain in detail. (10)

OR

8. Write a short note on 'Depreciation' of buildings. What are the different methods of computing depreciation? Explain in detail. (10)

**SECTION - E**

9. (a) Give units of measurement and units of payment for barbed wire fencing.  
(b) What is detailed specification?  
(c) What is unit rate estimate?  
(d) What are tender documents?  
(e) Define tender.  
(f) What is the volume of a cement bag?  
(g) Define security deposit.  
(h) Define Premium.  
(i) What is sinking fund?  
(j) What is market value? (10×2=20)