

B.Tech. Civil (Construction Management)

Term-End Examination

June, 2015

00030

**ET-521(D) : QUANTITY SURVEYING
AND VALUATION**

Time : 3 hours

Maximum Marks : 70

Note : Attempt any *five* questions. All questions carry equal marks.

1. (a) What do you understand by an approximate estimate. What purpose does it serve ? 8
- (b) Differentiate between Covered area; Plinth area and Carpet area. 6
- 2 (a) Define Cost Index and its importance. 7
- (b) Explain bill of quantities, its function and elements. 7

3. (a) What is Schedule of Rates ? 4
- (b) Write short notes on the following : 5×2=10
- (i) CPU
 - (ii) RAM
 - (iii) COBOL
 - (iv) High level language
 - (v) Printer
4. (a) Explain what do you mean by valuation of a property and how does it differ from its cost. 8
- (b) What are the different methods of calculating depreciation ? Explain the sinking fund method. 6
5. (a) Discuss the different types of specifications for materials and workmanship. 8
- (b) What do you understand by Obligatory clause, Recommendatory clause and Informative clause ? 6
6. Explain the procedure for the acquisition of land. What are the basic principles of Land Acquisition Act ? 8+6=14

7. Write short notes on any **four** of the following : $4 \times 3 \frac{1}{2} = 14$

- (a) Sinking Fund
 - (b) Reversionary Value
 - (c) Capital Gains Tax
 - (d) Technical specifications for Earthwork in soft soil
 - (e) Amount and Compensation
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