

**B.Tech. Civil (Construction Management)**

**Term-End Examination**

**June, 2010**

00186

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

*Time : 3 hours*

*Maximum Marks : 70*

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*Note : Attempt any five questions. Use of calculator is permitted.*

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1. What are the basic principles adopted in calculation of Total Plinth area, Plinth area of ground floor and Plinth area of first floor ?  $6+4+4=14$
  
2. Differentiate between Covered Area, Plinth Area and Carpet Area. What are the two methods of Quantity Surveying ? Explain.  $8+6=14$
  
3. What do you understand by Quality ? Describe  
- Quality Concept in buildings from British Standards and ISO standards. Is Quality Assurance different than quality alone ?  $2+8+4=14$
  
4. Explain various types of specifications. What are the general outline of specifications to be followed ?  $8+6=14$

5. What is the purpose of valuation ? Explain any six type of values.  $2 \times 6 + 2 = 14$
6. Explain the basic principles of Land Acquisition Act 1894 and procedure for acquisition of land. What is the difference between "Amount" and "Compensation" ?  $5 + 5 + 4 = 14$
7. Explain the sinking fund method of accounting depreciation in immovable property with all it's mathematics and an example.  $4 + 5 + 5 = 14$
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