

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

**Term-End Examination**

**June, 2017**

00475

**ET-525 : CONSTRUCTION MANAGEMENT-II**

*Time : 3 hours*

*Maximum Marks : 70*

**Note : Answer five questions in all. Question no. 1 is compulsory.**

1. Answer any **four** of the following questions in short (4 to 5 lines) :  $4 \times 3 \frac{1}{2} = 14$
- Explain the process of A-B-C classification.
  - What are the clearances required to be obtained before the commencement of a large project ?
  - Discuss competitive and negotiated construction bids.
  - What are Liquidated Damages ?
  - Describe the Arbitration Act, 1996.

2. What are the essential elements of a contract in legal terms ? Explain any three types of construction contracts. 2+3×4=14
3. What do you understand by LIFO and FIFO ? Explain any three methods of inventory control. 5+3×3=14
4. What is stock valuation ? Describe any three important techniques of stock valuation. 2+3×4=14
5. Explain the objectives of manpower planning. What are the steps involved in the recruitment and selection process ? 4+10=14
6. (a) Give a brief description of the guideline for designing the project organizational structure. 7
- (b) Describe various functions and objectives of materials management. 7
7. (a) How does specification help to maintain the quality in field ? Explain. 7
- (b) Discuss the important contract clauses and responsibilities of owner, engineer and contractor. 7

8. Write short notes on the following :

$$4 \times 3 \frac{1}{2} = 14$$

- (a) Bank Reconciliation Statement
  - (b) Productivity Performance Index
  - (c) Mediation and Arbitration
  - (d) The Factories Act, 1948
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