

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

**Term-End Examination**

**June, 2018**

00413

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

*Time : 3 hours*

*Maximum Marks : 70*

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

1. Answer any *four* of the following questions in

brief :

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

- (a) What do you understand by Fast-Track approach of a construction project ?
- (b) What are the main sources of project finance ?
- (c) What are the factors affecting the performance characteristics of a scraper ?
- (d) List any four laws applicable to the construction industry.
- (e) What are the social security legislations enacted in India ?
- (f) What do you understand by time value of money ?

2. (a) 'How much to order', is one of the crucial decisions in inventory control. Derive the EOQ model formula. Under what conditions is the concept applicable ? 7
- (b) The quantity of an item required is 18000 per year. Per unit cost of the item is ₹ 2. Storage cost is ₹ 0.10 per month. If the cost of placing an order is ₹ 400, find the economic order quantity. 7
3. (a) Discuss various characteristics of a construction project. 7
- (b) Discuss tasks involved in a close-up phase of the project. 7
4. The end products of financial accounting are the financial statements, namely, the Balance Sheet, Profit and Loss Account, and Statement of Changes in Financial Position. Explain the objectives and contents of each of these statements, giving relevant examples. 14
5. What is Organisation Culture ? Define cultural change in context to an organisation. Also explain the various parameters for cultural change. 14

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

- (a) Quality Circle
  - (b) Collective Bargaining
  - (c) Vendor Rating Factors
  - (d) Liquidated Damages
  - (e) Maintenance Period
  - (f) Depreciation
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