

B.Tech. Civil (Construction Management)

Term-End Examination

December, 2017

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

short :

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

- (a) What are the objectives of inventory control ?
- (b) What are the three main issues involved in materials management ?
- (c) What are the factors that affect the performance of draglines ?
- (d) What is Trial Balancing ?
- (e) Describe the concept of participative management.
- (f) What is the need for inventory evaluations and depreciation ?

2. What do you understand by Pure Project and Matrix forms of organisation ? Explain with the help of neat sketches. Discuss the merits and demerits of each. 14
3. Discuss the salient provisions of the various labour laws applicable to the construction industry. 14
4. What do you understand by Lumpsum Contracts and Unit Price Contracts ? Explain the salient features and suitability of these contracts. How do these differ from negotiated contracts ? 14
5. (a) What do you understand by fast-track approach to a construction project ?
- (b) What are the various clearances required in a construction project ? 2×7=14
6. Differentiate between any **four** of the following : $4 \times 3 \frac{1}{2} = 14$
- (a) Centralised vs Decentralised Purchasing
- (b) Mediation vs Arbitration
- (c) Quality Assurance vs Quality Control
- (d) Construction Drawing vs As Executed Drawing
- (e) Capital Expenditure vs Revenue Expenditure