

B.Tech. Civil (Construction Management)

Term-End Examination

December, 2013

ET-525 : CONSTRUCTION MANAGEMENT-II

Time : 3 hours

Maximum Marks : 70

Note : Attempt any five questions.

All questions carry equal marks.

1. Answer the following questions in short : $7 \times 2 = 14$
- (a) What are the phases of a construction project ?
 - (b) What are the advantages of contractual option over departmentally executed works ?
 - (c) Describe the sources of finance of working capital.
 - (d) Describe the methods to improve equipment productivity.
 - (e) What do you understand by profit and loss A/c (Income statement) ?
 - (f) What do you understand by Economic Order Quantity (EOQ) ?
 - (g) Differentiate between "arbitration" and "mediation" ?

2. (a) What is "Management Accounting" ? How does it differ from "Traditional Accounting" ? 7
- (b) Discuss the items included under 'General conditions of contract'. 7
3. Discuss the merits and demerits of a "pure project form of organisation" and "matrix organizational form". 14
4. (a) Write down the "meaning and methods" of collective bargaining. 7
- (b) Write down the procedure and approaches for collective bargaining. 7
5. Waste management is a very important aspect of a project. Explain *any four* of the following : $4 \times 3\frac{1}{2} = 14$
- (a) Surplus stock
- (b) Salvageable items
- (c) Reclaimable items
- (d) Reasons and control of obsolescence
- (e) Disposal methods
6. Discuss *any four* of the following contract clauses : $4 \times 3\frac{1}{2} = 14$
- (a) Retention money
- (b) Maintenance period
- (c) Liquidated damages
- (d) Deviation orders
- (e) Professional liability insurance

7. Write short notes *any four* of the following : $4 \times 3\frac{1}{2} = 14$
- (a) Integral Materials Management Approach
 - (b) Quality Control in Construction
 - (c) Bank reconciliation statement
 - (d) Decision tree approach
 - (e) Difference between recruitment and selection
 - (f) Workers participation in management
-