

B.Tech. Civil (Construction Management)

Term-End Examination

December, 2006

**ET-581(B) : INVENTORY AND STORES
MANAGEMENT**

Time : 3 hours

Maximum Marks : 70

Note : *Attempt **all** questions. All questions carry equal marks. Use of calculator is allowed. Assume any missing data.*

1. Discuss the objectives of pre-despatch inspection. List various checks you will follow during pre-despatch inspection. 10

2. A company purchases 9000 parts of a machine for its annual requirements, ordering one month's usage at a time. Each part costs Rs. 20.00. The ordering cost per order is Rs. 15.00 and the carrying charges are 15% of the average inventory per year. Suggest a more economical purchasing policy for the company. What advice would you offer and how much would it save the company per year ? 10

3. What is inventory control ? Why does a company keep inventory ? Write down various functions of maintaining inventory. 10

OR

Enumerate the different types of inventory in a construction company. What are the factors affecting inventory ?

4. Write the specifications of the following items : 5×2=10
- (a) Steel bars
 - (b) Door frames
 - (c) Glass
 - (d) Bricks
 - (e) Stone flooring
5. Describe the objectives of stock taking. Discuss various methods of stock taking. 10

OR

What are the basic functions of store houses ? What are the different factors on which sizes of stores depend ?

6. As a civil engineer, what points will you consider in selecting site of the stores building and why ? What are the security measures you should take for the security of stores ? 10

OR

What are the advantages of single storeyed construction for store houses ? What are the precautions you should take to avoid fire hazards ?

7. Write short notes on (any **five**) : 5×2=10

- (a) Layout planning of stores
- (b) Make or Buy decision
- (c) Reorder time
- (d) GR Notes
- (e) Third party certification
- (f) Just-in-time
- (g) Material at site