



(AL)

**MBA 116**

**III Semester M.B.A. in Production and Operation Management  
Examination, August 2011  
MATERIAL MANAGEMENT  
(Elective – 1)**

Time : 3 Hours

Max. Marks : 80

***Instruction :** In Section – 1 all questions are **compulsory** and carries 6 marks **each** and in Section – 2 attempt **any 5** questions and **each** carries **10** marks.*

**SECTION – 1**

**All** questions are **compulsory**. (6 marks **each**) :

1. What are the reasons for stocking items in inventory ?
2. List and explain different types of costs in inventory system.
3. What are the types of model of inventory systems ? Explain them in details.
4. Derive the EOQ formula for the purchase model without shortages.
5. Distinguish between P and Q systems of inventory.

**SECTION – 2**

Answer **any five** questions. (10 marks **each**) :

1. What are the advantages of integrated materials management ?
  2. Describe the various modules of integrated materials management.
  3. What are the main functions of inventory control ?
  4. What are the basic decisions related to inventory management ?
  5. Write a note on purchase model of inventory management with instantaneous replenishment and without shortages.
  6. Describe the manufacturing model of inventory management without shortages.
  7. Write a note on periodic review system of purchase inventory.
  8. Explain pre-purchase system, ordering system and post purchase system.
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