

Roll No.....

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MAY 2008

MBA (Sem.- 2nd)

PRODUCTION & OPERATIONS MANAGEMENT (MB-202)

(Theory)

Time : 03 Hours

Maximum Marks : 60

Instruction to Candidates:

- 1) Section - A is **Compulsory**.
- 2) Attempt any **Four** questions from Section - B.

Section - A

Q1)

(10 × 2 = 20)

- a) What do you understand by Operations Management.
- b) Differentiate between core process and support process.
- c) Differentiate between job process and batch process.
- d) Explain product-process matrix.
- e) What location factors make India attractive to BPO companies?
- f) Why is it important for an organization to do capacity planning?
- g) What is Kanban and how it operates?
- h) Write a short note on ABC Inventory classification.
- i) Demand for tomato soup at a supermarket is always 25 cases a day and the lead-time is always 4 days. The shelves were just restocked with tomato soup, leaving an on-hand inventory of only 10 cases. No backorders currently, but there is one open order for 200 cases. What is the inventory position? Should a new order be placed?
- j) Discuss briefly the objectives of stores management.

Section - B

(4 × 10 = 40)

- Q2) Define Product Development. Explain the product development process in detail.
- Q3) What do you mean by Facility Location? Discuss the various factors affecting facility location decision.
- Q4) Define Inventory Control System. Distinguish between fixed order quantity system and fixed time period system. Give examples of each.
- Q5) Explain Statistical Process Control and various methods of Statistical Process Control.
- Q6) What are the main features of Alpha-numerica and Alphabetical codification system in stores management? Which is the better system?
- Q7) How will you classify purchases? Explain the various steps for carrying out effective purchasing.

