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Total No. of Pages : 02

Total No. of Questions : 06

MBA (PIT) (Sem.–2)

# PRODUCTION & OPERATIONS MANAGEMENT

Subject Code : MBA-202

M.Code : 51190

Time : 3 Hrs. Max. Marks : 60

**INSTRUCTIONS TO CANDIDATES :**

1. **SECTION-A contains SIX questions carrying TWO marks each and students has to attempt ALL questions.**
2. **SECTION-B consists of FOUR questions each carrying TEN marks each and student has to attempt ALL questions.**
3. **SECTION-C is consist of ONE Case Study carrying EIGHT marks.**
4. **All Questions are Compulsory.**

## SECTION-A

1. **Write briefly :**

   a. Discuss the functions of Production Planning and Control.

   b. Explain the significance of method study.

   c. Briefly describe the utility of Statistical Process Control charts.

   d. Explain the significance of acceptance sampling.

   e. What are the factors that affect inventory control policy?

   f. Discuss the functions of Purchasing management.

## SECTION-B

2. What is a facility layout? Discuss the various types of layouts, giving examples.

3. Elaborate the concept of TQM. Discuss its role in quality improvement.



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4. What is meant by ABC analysis? Explain its significance in inventory management.

5. Write notes on :

   a. Concept of Virtual factory

   b. Product design

## SECTION-C

**6. Study the case given below and answer the questions that follow :**

A company M/s Global Manufacturers Ltd. uses a Special Bracket in the manufacture of its product in which it orders from outside suppliers. The appropriate ordering statistics are :

Demand = 2,000 units per annum; Ordering Cost = Rs. 20 per order; Carrying Cost – 20%

Basic Item Price = Rs. 10 per Bracket;

The company is also being offered the following discounts on the basic price :

2% for order quantities: 400; 4% for order quantities: 1000;

***Question :***

What order would you recommend to M/s Global Manufacturers Ltd: on *EOQ* or on discounted quantity?

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**NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.**



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