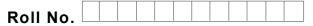


www.FirstRanker.com

www.FirstRanker.com



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.

**1** | M-51190



www.FirstRanker.com

- 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; 49

4% for order quantities: 1000;

# Question :

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

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.

**2** | M-51190

(S43)-178