

Paper Code: BBA 3305
School of Management, BBD University

Course: IMBA

Sem: III

First Sessional Test Paper Odd Sem. (2023-24)

Subject: Production and Operations Management

Time: 60 Minutes

Max. Marks: 30

SECTION-A

(This section contains very short answer type questions)

Q. No. 1. Attempt *All parts* of the following:

[5 x 1 = 5]

- Which type of layout is used in the manufacturing of cargo ship?
- What is assembly line in production?
- Define 'Value Analysis'?
- What do you mean by bill of material?
- Name any two location selection methods.

SECTION-B

Q.No.2. Attempt *any two* of the following:

[7.5 x 2 = 15]

- Describe the decision areas of Production and operations management with the help of examples.
- Briefly explain the criteria of performance for the Production and Operations management system.
- What is Material requirement planning? Describe the components of MRP system.
- The annual demand for an item is 3200 parts. The unit cost is Rs. 6, inventory carrying charges are estimated as 25% per annum. If the cost of one order is Rs. 150 then find out- i)EOQ ii)Number of orders per year iii)The optimal cost

SECTION-C

Q. No. 3. Attempt *any one* of the following:

[10 x 1 = 10]

- State the important location considerations for setting up a cement plant.
- What is Plant Layout? Describe the different types of layouts with their features.
- What is inventory control management? Describe the inventory control techniques in brief.