

D 125442

(Pages : 2)

Name.....

Reg. No.....

**SECOND SEMESTER M.B.A. DEGREE (REGULAR) EXAMINATION****JULY 2025**

(CUCSS)

MBA

BUS2C11—OPERATIONS MANAGEMENT

(2024 Scheme)

Time : Three Hours

Maximum : 60 Marks

**Part A***Answer all questions, each question carries 2 marks.*

1. Describe Value Chain.
2. List the 8 deadly wastes in Quality Management.
3. Describe P and Q systems of inventory.
4. Describe Value Stream Mapping.
5. Describe Supply Chain Management.

(5 × 2 = 10 marks)

**Part B***Answer any four questions from this Part.**Each question carries 4 marks.*

6. Describe the scope of Operations Management.
7. Describe JIT.
8. Describe Vendor Rating. Explain how do you carryout Vendor Rating ?
9. Describe MRP. Explain how is it useful in a manufacturing firm.
10. Describe common types of plant layouts.
11. Describe Industry 4.0.

(4 × 4 = 16 marks)

**Turn over**

**Part C**

*Answer any three questions from this Part.*

*Each question carries 8 marks.*

12. Describe Operations Strategy ? Explain how it contributes to the Organisation Strategy.
13. Describe the concept of Six Sigma. How do you apply it ?
14. A company requires raw material of 12,000 units per year. The ordering cost per order is Rs. 50. The carrying cost is estimated as 20 % of the unit cost. The unit cost is Rs. 12. The company follows a monthly purchase system now. You are an executive in stores ; directed to check the feasibility of EOQ policy in the stores. Compare the total costs in current and proposed policies to provide your suggestions.
15. Describe various types of maintenance and its applications.
16. Describe five new technologies introduced in operations in the last 20 years.

$(3 \times 8 = 24 \text{ marks})$

**Part D**

*Compulsory Question, 10 marks.*

17. A large business group in Kerala proposes to locate a new hospital in Kerala. It is planned to a multispecialty hospital at par with the size of a Medical College. You are the consultant for selecting the location. What would be your proposal ? What are the factors you would consider for selecting locations ? How do you arrive at the decision ? Explain your analysis (Use location models).

$(10 \text{ marks})$