

Roll No. ....

**12605**

**MBA 2 Year 1st Semester (CBCS)  
2019-20 New Scheme  
Examination – December, 2022**

**OPERATIONS MANAGEMENT**

Paper : 19IMG21C5

Time : Three hours ]

[ Maximum Marks : 80

Before answering the questions, candidates should ensure that they have been supplied the correct and complete question paper. No complaint in this regard, will be entertained after examination.

**Note :** Section-A is compulsory. Attempt four questions from Section-B (one question from each Unit). All questions carry equal marks.

**SECTION – A**

1. Write short notes on the following :

- (a) Process layout
- (b) Flexible Manufacturing Layout
- (c) PERT
- (d) Capacity planning

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P. T. O.

- (e) FSN Analysis
- (f) Carrying Cost
- (g) Six Sigma
- (h) ERP

**SECTION - B**

**UNIT - I**

2. Operations managers have an important role in dealing with the risk of failure in an organisation. Explain what steps an operations manager may take to reduce the risk of failure in facilities, staff, suppliers, customers or environmental factors.

3. As a project manager of a large Automobile player in Passenger car segment, how will you select the appropriate location of the plant ? Discuss the various factors affecting your decision.

**UNIT - II**

4. Define Aggregate Production Planning. Discuss various strategies of Aggregate Production Planning.

5. Using a product of your choice, examine the content and purpose of the design process.

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**UNIT - III**

6. Explain the MRP System in detail with inputs of MRP

7. What are the assumptions of the basic EOQ Model ? Distinguish between a fixed order-quantity system and fixed-time-period system.

**UNIT - IV**

8. Explain the concept and benefits of JIT with schematic diagram

9. Discuss in detail various Quality Assurance and Control Process. What is the role of top leadership in ensuring TQM ?

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