

Roll No. ....

**12605**

**MBA 2 Yr. 1st Semester  
(CBCS) 2019-20 New Scheme  
Examination – February, 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) Facility Planning
  - (b) Flexible Manufacturing Layout
  - (c) Critical Path
  - (d) Coding Method
  - (e) ABC Analysis
  - (f) Carrying Cost
  - (g) Total productive Maintenance
  - (h) KANBAN System

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**SECTION – B**

**UNIT – I**

2. Suppose you are working as a turnkey project consultant. One of your clients wants guidance in selecting facility location for his new fast-food restaurant. Guide your client.
3. Explain product and process layout in detail with its advantages and disadvantages.

**UNIT – II**

4. Why is capacity planning strategically important ? Describe the strategies for expanding capacity along with relevant advantages and disadvantages.
5. Ms. Rama verma has 5 rooms in her house located in Gurugram. She is planning to start a Guest 'house 'home away from home' for female travelling in the city. She has collected data from 30 hotels and guest house to forecast the demand. What qualitative and quantitative method Rama Verma can use to find the demand of her rooms in market.

**UNIT – III**

6. Discuss about selective inventory management techniques with their application area, advantages and disadvantages.

7. How does a MRP system help the management to monitor the performance of inventory system ? Give the specific example of what the system does to direct management attention to problem area.

#### UNIT – IV

8. Advance manufacturing technologies like JIT, ERP, Green manufacturing not only reduces the overall cost and time of production process but also help in delivering quality products and services. Comment.
9. Define quality, quality management and discuss dimensions of quality
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