

Code No: E-2221/BL/VO

**FACULTY OF MANAGEMENT**  
**M.B.A. (CBCS) III Semester (Very Old) Examination, August 2023**  
**Subject: Operations Management**  
**Paper- MB: 301**

**Time: 3 Hours**

**Max. Marks: 80**

**PART – A**

**Note: Answer all the questions.**

**(5 x 4 = 20 Marks)**

1. Explain the main features of Agile Manufacturing?
2. Explain the mathematical models of Aggregate Planning.
3. How to improve value creation through service interaction?
4. Explain the importance of materials management?
5. Explain the Fixed Order Quantity systems.

**PART – B**

**Note: Answer all the questions.**

**(5 x 12 = 60 Marks)**

6. (a) What is transformation process in operations management and why it is important?  
**(OR)**  
(b) What is process technology and explain the different types of process technologies?
7. (a) Explain the objectives and procedure for line balancing.  
**(OR)**  
(b) What is Master Production Schedule and explain its benefits and functions?
8. (a) Explain the objectives and techniques of Work Measurement?  
**(OR)**  
(b) Explain the different types of Service operations?
9. (a) Explain the objectives and functions of Materials Requirement Planning.  
**(OR)**  
(b) Discuss in detail about the Methods of Vendor Rating.
10. (a) What is Safety Stock and discuss about the risks of poor Safety Stock Strategy?  
**(OR)**  
(b) Write in detail about (i) Bin Card (ii) Double Bin and (iii) Stores Ledger

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**PART – A**

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1. Shearing Extrusion
2. Line balancing
3. Impact of culture on production
4. Material Requirement Planning
5. Bin card

**PART – B**

**Note: Answer all the questions.**

**(5 x 12 = 60 Marks)**

6. (a) Explain the basic manufacturing processes?  
**(OR)**  
(b) Explain the various process technologies with suitable examples?
7. (a) What is capacity planning and explain its types and benefits?  
**(OR)**  
(b) Explain the various job sequencing rules?
8. (a) Explain the different techniques of work measurement?  
**(OR)**  
(b) Explain the maintenance issues in service organizations with suitable examples?
9. (a) Explain the importance of sources of supply in purchase management?  
**(OR)**  
(b) Explain the different types of vendor rating?
10. (a) Explain the importance, advantages and disadvantages of ABC classification?  
**(OR)**  
(b) What is safety stock and explain the various methods used to calculate the safety stock?