

M.B.A. - II (CBCS Pattern) Semester-IV
PCB4EG3 - Production & Materials Management

P. Pages : 1

Time : Three Hours



GUG/S/25/10733

Max. Marks : 70

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- Notes : 1. Solve **any five** questions.
2. All questions carry equal marks.

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| 1. | What is the role of materials management in supply chain operations? | 14 |
| 2. | How does warehousing fit into the materials management process? | 14 |
| 3. | Explain the purpose of the Master Production Schedule (MPS) in manufacturing. | 14 |
| 4. | How does Material Requirements Planning (MRP) integrate with Master Scheduling? | 14 |
| 5. | What is the Capacity Requirements Planning (CRP) process, and how does it work? | 14 |
| 6. | How do you calculate the bottleneck capacity in a production line? | 14 |
| 7. | How would you set up an ordering system for a store with unpredictable customer demand? | 14 |
| 8. | How does the Quantity Discount Model modify the EOQ approach? | 14 |
| 9. | What steps would you take to eliminate overproduction in a Lean process? | 14 |
| 10. | Write short answers any two . | 14 |
| | a) Impact of Material Requirement planning on purchasing. | |
| | b) JIT Environment. | |
| | c) Safety Stocks. | |
| | d) Expansion of purchasing into supply chain management. | |
