

2124

M.Com. (E. & F.B.) Third Semester  
FB-303: Business Management - III (Operations)

Time allowed: 3 Hours

Max. Marks: 80

*NOTE: Attempt five questions in all, selecting atleast two questions from each Unit.*

*x-x-x***UNIT - I**

1. How can a company effectively use demand forecasting and market analysis to inform product selection decisions in operations management, while balancing cost, quality, and production capacity? (16)
2. How does the choice of facility layout (e.g., process, product, cellular, or fixed-position) impact workflow efficiency, resource utilization, and overall production costs in a manufacturing environment? (16)
3. What are the key principles of effective material handling, and how can optimizing material handling systems improve productivity, reduce costs, and enhance workplace safety? (16)
4. Write short notes on:
  - a) Mass Production
  - b) Batch Production(2x8)
5. How can companies use aggregate planning strategies to balance production rates, workforce levels, and inventory management to meet fluctuating demand while minimizing costs? (16)

**UNIT - II**

6. How does effective production planning and control ensure optimal resource utilization, timely delivery, and cost efficiency, and what tools or techniques are commonly used to achieve these objectives? (16)
7. Write short notes on:
  - a) EOQ
  - b) JIT Systems(2x8)
8. What are the best practices in stores management for ensuring efficient inventory control, minimizing stockouts and overstocking, and optimizing space utilization in a warehouse? (16)

(2)

9. How does material requirements planning (MRP) contribute to optimizing inventory levels and production scheduling, and what are the key challenges organizations face when implementing MRP systems? (16)
10. How does the ABC inventory control method help organizations prioritize their inventory management efforts, and what criteria should be used to categorize items into A, B, and C groups? (16)

x-x-x