REV-01
BBA/30/10

2025/05

SET B

BACHELOR OF BUSINESS ADMINISTRATION
SIXTH SEMESTER
ENTERPRISE RESOURCE PLANNING
BBA – 603

[USE OMR FOR OBJECTIVE PART]

Duration: 3 hrs. **Full Marks: 70**

Objective

Time: 30 min. **Marks: 20**

Choose the correct answer from the following: *1×20=20*

1. Which system is most likely to use cloud-based technology for scalability?
   a. MRP
   b. MRP-II
   c. ERP
   d. All of the above

2. What is a key benefit of integrating inventory management with an ERP system?
   a. Reduced need for employee training
   b. Elimination of all inventory costs
   c. Real-time visibility of inventory levels across locations
   d. Faster ERP software installation

3. Which of the following is a common ERP module?
   a. Customer Relationship Management (CRM)
   b. Material Requirements Planning
   c. Shop Floor Control
   d. Bill of Materials

4. Which of the following factors influences the level of safety stock in an ERP system?
   a. Employee satisfaction levels
   b. Variability in lead time
   c. ERP software licensing costs
   d. Customer credit limits

5. MRP is primarily focused on:
   a. Long-term strategic planning
   b. Short-term production scheduling
   c. Financial forecasting
   d. Human resource management

6. What is a major limitation of the basic MRP system?
   a. It cannot handle large datasets
   b. It does not consider capacity constraints
   c. It is too expensive to implement
   d. It cannot integrate with other systems

7. Which component is common to both MRP and ERP systems?
   a. Master Production Schedule
   b. Customer Relationship Management
   c. Human Resource Management
   d. Financial Forecasting

8. Why is scalability an important criterion in ERP package selection?
   a. It ensures the ERP system can handle future business growth
   b. It reduces the initial cost of the ERP system
   c. It eliminates the need for user training
   d. It speeds up the implementation process

9. How does MRP-II differ from MRP?
   a. MRP-II focuses only on material planning
   b. MRP-II is a manual system
   c. MRP-II includes capacity planning and financial integration
   d. MRP-II excludes inventory management

10. Which factor is most likely to increase lead time in an ERP-managed supply chain?
   a. Delays in transportation
   b. Efficient supplier communication
   c. Real-time inventory tracking
   d. Automated order processing

11. In an ERP system, the term "integration" refers to:
   a. Combining multiple software vendors
   b. Installing software on multiple devices
   c. Linking different business functions into a single system
   d. Automating only the production process

12. MRP-II systems are designed to integrate:
   a. Only production and inventory
   b. Production, inventory, and marketing
   c. Production, finance, and human resources
   d. Only financial and human resources

13. In MRP-II, shop floor control helps in:
   a. Monitoring and controlling production activities
   b. Managing employee salaries
   c. Forecasting market demand
   d. Designing product prototypes

14. What is a key benefit of using MRP-II over MRP?
   a. Lower software costs
   b. Improved coordination across departments
   c. Simplified user interface
   d. Reduced need for data input

15. What is a primary difference between MRP-II and ERP?
   a. ERP is limited to manufacturing industries
   b. ERP integrates all business processes, not just manufacturing
   c. ERP is a manual system
   d. ERP does not include financial modules

16. Which of the following is a challenge in implementing ERP systems?
    a. Lack of software availability
    b. Limited vendor support
    c. Inability to handle large datasets
    d. High cost and complexity of implementation

17. What is a potential drawback of ERP systems for small businesses?
    a. Lack of scalability
    b. Limited functionality
    c. Inability to integrate with other systems
    d. High initial investment and maintenance costs

18. Which of the following is a key input to the MRP system?
    a. Employee attendance records
    b. Bill of Materials (BOM)
    c. Marketing budget
    d. Customer feedback

19. What is a key advantage of ERP systems?
    a. They are always inexpensive to implement
    b. They require minimal employee training
    c. They eliminate the need for inventory management
    d. They provide real-time data across the organization

20. What is the primary objective of MRP?
    a. To reduce employee workload
    b. To ensure materials are available for production while minimizing inventory
    c. To increase production speed
    d. To automate financial accounting

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Descriptive

Time: 2 hr. 30 mins. **Marks: 50**

[Answer question no.1 & any two (4) from the rest]

1. a) Define Material Requirements Planning (MRP). State its primary objectives. 4+6=10
   b) Define Enterprise Resource Planning (ERP).Highlight the benefits of implementing ERP in an organization.

2. a) What is MRP-II (Manufacturing Resource Planning)? How does it differ from traditional MRP in scope and functionality? 6+4=10
   b) Differentiate between open-looped and closed-loop MRP system.

3. a) Explain the evolution of ERP from MRP and MRP-II. 4+6=10
   b) Why does ERP implementation fail in some organizations? How can such failures be avoided?

4. a) Differentiate between dependent and independent demand in MRP. 2+4+4=10
   b) Discuss the major challenges or risks involved in ERP implementation.
   c) What is the role of CRM in ERP systems?

5. a) Compare and contrast MRP, MRP-II, and ERP based on scope, integration, and technology. 4+2+4=10
   b) What do you mean by E-ERP and ERP-II?
   c) Mention the inputs and outputs of MRP system.

6. a) Describe the role of Bill of Materials (BOM) in the MRP process. 4+5=10
   b) Explain the significance of Master Production Schedule (MPS) and Inventory Status File in MRP.

7. a) Discuss the factors to be considered before selecting an ERP software for a company. 5+5=10
   b) What are the key modules of ERP systems?

8. a) What are the key success factors for effective ERP implementation? 5+5=10
   b) Identify one industry where ERP implementation is critical and justify.

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