

Question Bank

Unit – 1

1. What is Enterprise Resource Planning (ERP)?
2. What are the core objectives of implementing an ERP system?
3. How has ERP evolved over the years?
4. What were the main differences between early ERP systems and modern ERP systems?
5. How has cloud computing influenced the evolution of ERP?
6. What key principles guide the development and implementation of ERP systems?
7. Explain the principle of "integration" in ERP systems.
8. How do data consistency and real-time processing impact ERP systems?
9. What enabling technologies are essential for the functioning of ERP systems?
10. How do technologies like cloud computing, AI, and IoT support ERP systems?
11. What are the key characteristics of an ERP system?
12. How does ERP improve organizational efficiency?
13. How does the modular structure of ERP systems contribute to their flexibility?
14. What are the major features of an ERP system?
15. How do ERP systems provide support for financial management, HR, and supply chain management?
16. What role do customization and scalability play in the features of ERP systems?
17. How does ERP improve decision-making and reporting in businesses?
18. In what ways does ERP enhance productivity and operational efficiency?
19. What are some common reasons ERP implementations fail?
20. How can poor data management lead to ERP failure?
21. What are some of the risks associated with ERP implementation?
22. What are the components of an ERP framework?
23. How does the ERP framework ensure system integration across different business functions?
24. What is the role of business processes in the ERP framework?
25. What is a business blueprint in ERP implementation?
26. How does a business blueprint contribute to the successful implementation of an ERP system?
27. What factors should be considered when creating a business blueprint for ERP?

28. How does business engineering differ from business process re-engineering (BPR)?
29. In what ways do both business engineering and BPR contribute to improving business processes with ERP?
30. How do ERP tools help streamline operations across different industries?
31. What are the key criteria for selecting the right ERP tool for an organization?
32. What is the difference between a demand chain and a supply chain in the context of ERP?
33. How does ERP help optimize the value chain within an organization?
34. In what ways can ERP systems integrate the demand chain, value chain, and supply chain for enhanced efficiency?

Unit- 2

1. Why is it important to understand ERP architecture in the context of system implementation?
2. What are the key challenges faced when designing and implementing ERP architecture?
3. What is layered architecture in the context of ERP systems?
4. How does a layered architecture improve the flexibility and modularity of an ERP system?
5. What are the advantages of using a layered architecture for ERP implementation?
6. What is a two-tier ERP architecture, and how does it differ from other architectures?
7. What are the benefits and limitations of using a two-tier ERP system?
8. How does a three-tier client/server architecture work in an ERP system?
9. What are the components of a three-tier client/server ERP architecture?
10. What are the advantages of using a three-tier client/server architecture for ERP over other types?
11. What is web-based ERP architecture, and how does it work?
12. How does a web-based ERP architecture support remote access and mobile functionality?
13. What are the benefits of adopting web-based architecture for ERP systems?
14. What is Service-Oriented Architecture (SOA) in the context of ERP systems?

15. How does SOA enhance the flexibility and integration of ERP systems?
16. What are the key advantages of adopting a Service-Oriented Architecture in ERP solutions?
17. What does the logical architecture of an ERP system refer to?
18. How is the logical architecture different from the physical architecture of an ERP system?
19. What are the core components and layers typically found in the logical architecture of an ERP system?
20. What is the physical architecture of an ERP system, and why is it crucial for performance?
21. How do hardware, network infrastructure, and database systems impact the physical architecture of an ERP system?
22. What role does the physical architecture play in ensuring high availability and disaster recovery in ERP systems?
23. What is an evaluation framework for ERP acquisition, and why is it necessary?
24. What are the key criteria to consider when evaluating ERP solutions for acquisition?
25. How can an evaluation framework help businesses choose the most appropriate ERP system for their needs?
26. What role do cost, scalability, and customization play in the evaluation of ERP solutions?