**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?

1. What were the main differences between early ERP systems and modern ERP systems?
2. How has cloud computing influenced the evolution of ERP?

6. What key principles guide the development and implementation of ERP systems?

1. Explain the principle of "integration" in ERP systems.
2. How do data consistency and real-time processing impact ERP systems?

9. What enabling technologies are essential for the functioning of ERP systems?

1. 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?

1. 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?

1. 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?

1. How does a layered architecture improve the flexibility and modularity of an ERP system?
2. 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?

1. 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?

1. 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?

1. 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?

1. 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?

1. 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?

1. How can an evaluation framework help businesses choose the most appropriate ERP system for their needs?
2. What role do cost, scalability, and customization play in the evaluation of ERP solutions?

UNIT 3

1. What are the key trends driving the growth of the global ERP market in recent years?
2. How have ERP solutions evolved over the past decade in terms of functionality and deployment models?
3. What are the major challenges faced by organizations when selecting an ERP system?
4. What are the main features and capabilities that make SAP a popular choice among large enterprises for ERP?
5. How does SAP’s S/4HANA differ from earlier versions of SAP ERP in terms of technology and functionality?
6. What are some common challenges organizations face when implementing SAP ERP systems?
7. How did Oracle’s acquisition of PeopleSoft impact the ERP market, and what changes were made to PeopleSoft’s offerings post-acquisition?
8. What are the unique features of PeopleSoft ERP that differentiate it from other ERP solutions in the market?
9. How did Baan’s ERP solutions become a significant player in the manufacturing sector, and what led to their decline?
10. What key strengths of Baan ERP contributed to its success in the 1990s, and how have these features been integrated into other ERP systems since?
11. How does Oracle’s ERP suite differ from its competitors, such as SAP and Microsoft Dynamics, in terms of architecture and target industries?
12. How has Oracle leveraged cloud technology to transform its ERP offerings in recent years?
13. What criteria should organizations consider when comparing ERP packages and modules for their specific business needs?
14. How do ERP module integrations (e.g., finance, HR, supply chain) contribute to an organization’s overall efficiency?
15. How does Sales Force Automation (SFA) integrate with ERP systems to improve sales processes and customer relationship management?
16. What are the key benefits of implementing Sales Force Automation within an ERP system?
17. What are the common challenges faced during the integration of ERP systems with existing IT infrastructure?
18. How can ERP integration enhance data flow and decision-making across various business departments?
19. How can ERP systems be integrated with the internet to improve e-commerce and customer engagement?
20. What security concerns arise when connecting ERP systems to the internet, and how can businesses address them?
21. What are the key steps involved in planning and executing an ERP implementation strategy?
22. How can businesses ensure user adoption and minimize resistance during ERP implementation?
23. What are the advantages and disadvantages of the Big Bang approach to ERP implementation compared to the Phased approach?
24. In which scenarios would a Phased approach be more suitable than a Big Bang approach for ERP system deployment?
25. What are the unique challenges faced by SMEs in ERP implementation, and how can they overcome these challenges?
26. How can SMEs select an ERP solution that fits their specific budget, scale, and operational needs?
27. What are some common post-implementation issues businesses face after deploying an ERP system?
28. How can organizations monitor and maintain the effectiveness of their ERP system after go-live?

UNIT-4

1. How does the Finance module ensure accurate tracking of financial transactions?
2. What is the role of the Finance module in managing accounts payable and receivable?
3. How can ERP systems help in automating tax calculations and compliance?
4. How is budgeting handled in the Finance module, and how does it aid decision-making?
5. Describe the end-to-end process of a sales order in the Sales & Distribution module.
6. How does the ERP system manage product pricing, discounts, and promotions?
7. In what ways can the Sales & Distribution module improve customer service?
8. How is real-time inventory data integrated into the sales process?
9. How does the HR module assist with employee onboarding and record management?
10. What are the key features of the payroll processing system in ERP?
11. How can the HR module help in tracking employee performance and appraisals?
12. Describe how training and skill development are managed through ERP HR systems.
13. What are the main functions of the Plant Maintenance module in managing equipment?
14. How does preventive maintenance differ from corrective maintenance in ERP?
15. How are maintenance requests and work orders handled in the system?
16. How does the Quality Management module ensure product compliance and standards?
17. What is the process for handling quality inspections during goods receipt or production?
18. How are corrective and preventive actions (CAPA) tracked in ERP systems?
19. Describe the process of procurement and inventory management in the Material Management module.
20. How does this module ensure timely replenishment and stock optimization?