Madhav Institute of Technology and Science, Gwalior

(A Govt. Aided UGC Autonomous Institute Affiliated to RGPV, Bhopal, M.P.)

NAAC Accredited with A+ + Grade

680312 MSS

Question Bank

UNIT I

1. How are information systems transforming business, and what is their relationship to globalization?

2. Why are information systems so essential for running and managing a business today?

3. What exactly is an information system? How does it work? What are its management, organization, and technology components?

4. What are complementary assets? Why are complementary assets essential for ensuring that information systems provide genuine value for an organization?

5. What academic disciplines are used to study information systems? How does each contribute to an understanding of information systems? What is a sociotechnical systems perspective?

6. Explain internet, intranet and extranet.

7. Explain E-business, E-commerce and E-government.

8. Explain Social business.

9. Explain time/space collaboration and social tool matrix.

10. What are business processes? How are they related to information systems?

11. How do systems serve the different management groups in a business?

12. How do systems that link the enterprise improve organizational performance?

13. Why are systems for collaboration and social business so important and what technologies do they use?

14. What is the role of the information systems function in a business?

15. Explain Porter's competitive forces model.

UNIT II

1. What ethical, social, and political issues are raised by information systems?

2. What specific principles for conduct can be used to guide ethical decisions?

3. Why do contemporary information systems technology and the Internet pose challenges to the protection of individual privacy and intellectual property?

4. How have information systems affected everyday life?

5. What is IT infrastructure and what are its components?

6. What are the current trends in computer hardware platforms?

7. What are the current trends in software platforms?

8. What are the challenges of managing IT infrastructure and management solutions?

9. What are the problems of managing data resources in a traditional file environment and how are they solved by a database management system?

10. What are the major capabilities of database management systems (DBMS) and why is a relational DBMS so powerful?

11. What are some important principles of database design?

12. What are the principal tools and technologies for accessing information from databases to improve business performance and decision making?

13. Why are information policy, data administration, and data quality assurance essential for managing the firm's data resources?

14. Explain Data cleansing.

UNIT III

1. Explain server computer.
2. Explain hub, switch and router.
3. What are the principal components of telecommunications networks and key networking technologies?
4. What are the different types of networks?
5. How do the Internet and Internet technology work, and how do they support communication and e-business?
6. What are the principal technologies and standards for wireless networking, communication, and Internet access?
7. Why are radio frequency identification (RFID) and wireless sensor networks valuable for business?
8. Why are information systems vulnerable to destruction, error, and abuse?
9. What is the business value of security and control?
10. What are the components of an organizational framework for security and control?
11. What are the most important tools and technologies for safeguarding information resources?

UNIT IV

1. How do enterprise systems help businesses achieve operational excellence?
2. How do supply chain management systems coordinate planning, production, and logistics with suppliers?
3. How do customer relationship management systems help firms achieve customer intimacy?
4. What are the challenges posed by enterprise applications?
5. How are enterprise applications taking advantage of new technologies?

6. What are the unique features of e-commerce, digital markets, and digital goods?

7. How has e-commerce transformed marketing?

8. How has e-commerce affected business-to-business transactions?

9. What is the role of m-commerce in business, and what are the most important m-commerce applications?

10. What is the role of knowledge management and knowledge management programs in business?

11. What types of systems are used for enterprise-wide knowledge management and how do they provide value for businesses?

12. What are the major types of knowledge work systems and how do they provide value for firms?

13. What are the business benefits of using intelligent techniques for knowledge management?

UNIT V

1. What are the different types of decisions and how does the decision-making process work?

2. How do information systems support the activities of managers and management decision making?

3. How do business intelligence and business analytics support decision making?

4. How do different decision-making constituencies in an organization use business intelligence?

5. What is the role of information systems in helping people working in a group make decisions more efficiently?

6. How does building new systems produce organizational change?

7. What are the core activities in the systems development process?

8. What are the principal methodologies for modeling and designing systems?

9. What are the alternative methods for building information systems?

10. What are new approaches for system building in the digital firm era?

11. What are the objectives of project management and why is it so essential in developing information systems?

12. What methods can be used for selecting and evaluating information systems projects and aligning them with the firm's business goals?

13. How can firms assess the business value of information systems projects?

14. What are the principal risk factors in information systems projects?

15. What strategies are useful for managing project risk and system implementation?