NEW SCHEME

IS63

Reg. No. | | | | | | | | | | |

Sixth Semester B.E. Degree Examination, January/February 2006

Information Science and Engineering

Management Information Systems

Time: 3 hrs.) (Max.Marks : 100

Note: *1. Answer any FIVE full questions.*
2. All questions carry equal marks.

1. (a) How important is information technology to companies competitive strategies? **(10 Marks)**

   (b) Why information technology development projects succeed or fail? Explain. **(10 Marks)**

2. (a) Describe the components and resource of an information technology. **(7 Marks)**

   (b) List and explain the different types of information system. **(8 Marks)**

   (c) Briefly explain the system approach to problem solving. **(5 Marks)**

3. (a) What is computer aided system engineering(CASE)? Describe the components of CASE. **(7 Marks)**

   (b) How can a company use the internet for business? What are the business uses of the internet? **(8 Marks)**

   (c) What are the key characteristics of the economic model for electronic commerce on the internet? **(5 Marks)**

4. (a) What is groupware? With a block diagram explain the components of an enterprise collaboration system. **(12 Marks)**

   (b) List the benefits and limitations of intranet? **(5 Marks)**

   (c) What do you mean by virtual teams? **(3 Marks)**

5. (a) What is cross functional information system? Explain. **(10 Marks)**

   (b) What are the differences between batch processing and real time processing? **(4 Marks)**

   (c) Define the three basic categories of electronic commerce applications. **(6 Marks)**

6. (a) Briefly explain how information technology can be used to implement competitive strategies. **(10 Marks)**

   (b) What is the difference between MIS and DSS? **(4 Marks)**

   (c) With block diagram explain the components of an expert system. **(6 Marks)**

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7. (a) How could a business use the internet, extranet or intranets to break business barriers, form a virtual company or become an agile competitor? **(10 Marks)**

(b) Why companies operating internationally are moving toward a transnational business strategy? **(10 Marks)**

8. (a) What controls are needed to ensure the quality and security of information system? **(6 Marks)**

(b) What are the four factors you would use in evaluating computer hardware and software? **(8 Marks)**

(c) Explain the strategic information system planning. **(6 Marks)**

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NEW SCHEME

Sixth Semester B.E. Degree Examination, July 2006
Information Science
Management Information Systems

Time: 3 hrs.] [Max. Marks:100

Note: *1. Answer any FIVE full questions.*

1 a. Explain the business value of information systems. **(05 Marks)**
b. What are the important components of an information system? **(05 Marks)**
c. Explain "Developing of Information System Solutions" in business. **(10 Marks)**

2 a. Discuss the statement: 'Prototyping has opened up the application development process to end users'. **(05 Marks)**
b. Explain the statement: 'Computer-aided systems engineering involves using CASE Tools to perform activities of system development life cycle'. **(05 Marks)**
c. Explain the classification of information systems. **(10 Marks)**

3 a. Explain the business value of Internet. **(05 Marks)**
b. Differentiate between Intranet and Extranet. **(05 Marks)**
c. Explain B-2-C and B-2-B categories of E-Commerce. **(10 Marks)**

4 a. Explain the statement: 'Transaction Processing Systems are information systems that process data resulting from the occurrence of business transactions'. **(10 Marks)**
b. Explain the statement: 'Many organizations are using information technology to develop cross-functional information systems that cross the boundaries of traditional business functions in order to reengineer and improve vital business processes'. **(10 Marks)**

5 a. Explain the capabilities of DSS. **(06 Marks)**
b. Discuss the important applications of AI in business. **(08 Marks)**
c. Explain the use of executive information systems for the ranks of middle management. **(06 Marks)**

6 a. Explain the strategic role of information technology in business process reengineering and in total quality management. **(10 Marks)**
b. Describe the working of accounting information system with the help of a neat sketch. **(05 Marks)**
c. Explain 'Virtual Company'. **(05 Marks)**

7 a. Explain the planning techniques used for IS planning, with specific emphasis on scenario approach, critical success factors and competitive advantage. **(12 Marks)**
b. Explain 'Engineering business change with IT'. **(08 Marks)**

8 a. Describe the components of global IT management. **(10 Marks)**
b. Explain control and security aspects of Information systems. **(10 Marks)**

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NEW SCHEME

Sixth Semester B.E. Degree Examination, Dec. 06 / Jan. 07
Information Science Engineering
Management Information Systems

Time: 3 hrs.] [Max. Marks:100

Note : ***Answer any FIVE full questions.***

1 a. What are the various roles of information systems in business and management? Explain in detail. **(06 Marks)**
b. Discuss the various components of information systems. **(06 Marks)**
c. Explain how various types of information systems that can be used for operation support and management support. **(08 Marks)**

2 a. Explain the system approach to problem solving. **(10 Marks)**
b. Explain how a company can use the internet for business. **(10 Marks)**

3 a. Describe the different technologies that are necessary for electronic commerce. **(10 Marks)**
b. Describe a secure electronic payment system. **(10 Marks)**

4 a. Explain the merits, demerits and applications of intranet. **(10 Marks)**
b. Describe the features of an enterprise collaboration system. **(10 Marks)**

5 a. Discuss the features of decision support systems. **(06 Marks)**
b. Discuss the various applications of artificial intelligence. **(06 Marks)**
c. Explain the features of an expert system. **(08 Marks)**

6 a. Describe the various compative strategies that can be used in a business to counter the actions of the competitive forces they confront in the market place. **(10 Marks)**
b. Discuss the objectives and methodologies of total quality management. **(10 Marks)**

7 a. Discuss the main differences between international global and transnational business and IT strategies. **(10 Marks)**
b. Explain the role of team processes and implementation methods in the organizational planning process. **(10 Marks)**

8 a. Discuss the key components involved in implementing business change. **(10 Marks)**
b. Discuss the various factors used to evaluate computer hardware and software systems. **(10 Marks)**

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NEW SCHEME

Sixth Semester B.E. Degree Examination, July 2007
Information Science and Engineering
Management Information Systems

Time: 3 hrs.] [Max. Marks:100

Note : ***Answer any FIVE full questions.***

1 a. Explain the frame work of information system required for business. **(10 Marks)**
b. How do you classify information system? **(10 Marks)**

2 a. With suitable example describe the system approach to problem solving. **(10 Marks)**
b. What is CASE? Explain various components of CASE. **(10 Marks)**

3 a. i) What is the business value of the internet? **(05 Marks)**
ii) Explain the process involved in prototyping. **(05 Marks)**
b. What is interactive marketing? Explain push and pull marketing. Illustrate with an example. **(10 Marks)**

4 a. What is E-commerce? What are its applications? What is B2C commerce? **(10 Marks)**
b. What is Internet, Intranet and Extranet? Give its applications. **(10 Marks)**

5 a. What is groupware? Explain with block diagram, Enterprise Collaboration System. **(10 Marks)**
b. Write salient features of
i) Accounting system
ii) Marketing information system. **(10 Marks)**

6 a. i) Explain cross functional information system. **(05 Marks)**
ii) Compare interactive marketing to mass marketing and direct marketing. **(05 Marks)**
b. Briefly explain how IT can be used to implement competitive strategies. **(10 Marks)**

7 a. Compare DSS and MIS. **(10 Marks)**
b. Explain briefly the artificial intelligence and neural network applications in business. **(10 Marks)**

8 a. Explain global IT management. **(10 Marks)**
b. What controls are needed in information system? **(10 Marks)**

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Sixth Semester B.E. Degree Examination, Dec. 07 / Jan. 08
Management Information Systems

Time: 3 hrs. Max. Marks:100

Note : *1. Answer any FIVE full questions.*
2. Answers are to be supported with necessary diagram if applicable.

1 a. Why are information systems important? Outline a conceptual framework that organizes knowledge. **(10 Marks)**
b. What is a system? Explain the basic and additional components in a system. List out some of the characteristics of systems. **(10 Marks)**

2 a. Draw a block diagram and explain the different resources that form an information system. **(10 Marks)**
b. Discuss the different ways in which information systems can be classified. **(10 Marks)**

3 a. Differentiate between push and pull marketing with illustrations. **(06 Marks)**
b. What is E – Commerce? List out the different factors that make a successful retail website. **(08 Marks)**
c. Explain intranets, extranets and Internet with a figure. **(06 Marks)**

4 a. Explain E – Communication and E – conferencing tools with 2 examples each. **(10 Marks)**
b. Explain how information system technologies support marketing. **(10 Marks)**

5 a. Discuss information requirement by decision makers using the managerial pyramid. **(06 Marks)**
b. List out the attributes of intelligent behavior. Explain two business examples where neural networks have been applied. **(06 Marks)**
c. What is an expert system? What are the components that make up and expert system? List out the benefits and limitations of expert systems. **(08 Marks)**

6 a. Explain BPR and TQM as strategies for improving performance. **(10 Marks)**
b. Organization can be viewed as a sociotechnical system. Explain the different components that make up this system. **(10 Marks)**

7 a. Describe the frame work used for information resource management. **(10 Marks)**
b. Explain the various methodologies of planning Information System **(10 Marks)**

8 a. Discuss the different activities involved in implementing a new information system. **(10 Marks)**
b. Information System Controls ensure quality and performance of Information System. Explain. **(10 Marks)**

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Sixth Semester B.E. Degree Examination, June/July 08
Management Information Systems

Time: 3 hrs. Max. Marks:100

Note : ***Answer any FIVE full questions.***

1 a. Explain the business value of information systems. **(05 Marks)**
b. Discuss the various components of information system. **(05 Marks)**
c. Why should information technology development project succeed or fail? Explain. **(10 Marks)**

2 a. List and explain various types of information systems. **(10 Marks)**
b. Explain how a company can use the Internet for business. **(10 Marks)**

3 a. Explain, Internet, Intranet and Extranet and their uses. **(12 Marks)**
b. Define E-commerce and explain its various categories. **(08 Marks)**

4 a. What is group ware? With a block diagram explain the components of an enterprise collaboration system. **(12 Marks)**
b. Explain transaction processing system with an example. **(08 Marks)**

5 a. Explain the statement 'Many organizations are using information technology to develop cross-functional information systems that cross the boundaries of traditional business functions in order to reengineer and improve vital business process'. **(10 Marks)**
b. Describe the working of accounting information system with a suitable diagram. **(06 Marks)**
c. Differentiate between Push and Pull marketing. **(04 Marks)**

6 a. Discuss various applications of Artificial Intelligence in business. **(10 Marks)**
b. Describe the various competitive strategies that can be used in a business to counter the actions of the competitive forces they confront in the market place. **(10 Marks)**

7 a. Explain various IS planning methodologies. **(10 Marks)**
b. Mention the five dimensions of Information Resource Management. **(05 Marks)**
c. Bring out the differences between MIS and DSS. **(05 Marks)**

8 a. Describe the concept of global IT management. **(10 Marks)**
b. Explain control and security aspects of information systems. **(10 Marks)**

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2002 SCHEME

USN | | | | | | | | | | | IS63

Sixth Semester B.E. Degree Examination, Dec.09/Jan.10
Management Information Systems

Time: 3 hrs. Max. Marks:100

Note: ***Answer any FIVE full questions.***

1 a. What is MIS? Explain any three types of information systems and also explain the importance of information system. **(12 Marks)**
b. Explain various reasons for success and failure with information technology. **(08 Marks)**

2 a. With a neat diagram, explain systems approach to problem solving. **(10 Marks)**
b. What is prototyping? Explain the process involved in prototyping. **(10 Marks)**

3 a. Explain business value of Internet with an example. **(10 Marks)**
b. Explain E-business models with suitable examples. **(10 Marks)**

4 a. What is groupware? Explain the groupware for enterprise collaboration. **(16 Marks)**
b. Compare interactive marketing with mass marketing and direct marketing. **(04 Marks)**

5 a. Write the characteristics of DSS and MIS. **(10 Marks)**
b. Explain briefly the artificial intelligence and neural network application in business. **(10 Marks)**

6 a. Explain the competitive strategies and the role of it in business applications. **(12 Marks)**
b. Explain the types of breaking business barriers. **(08 Marks)**

7 a. Describe the dimensions of global IT management. **(10 Marks)**
b. Discuss the role of team processes and implementation methods in the organizational planning process. **(10 Marks)**

8 a. Discuss the ways to control the performance and security of the use of internet by business and endusers. **(12 Marks)**
b. With an example discuss auditing information system. **(08 Marks)**

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