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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)

Contd.... 2

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)

The first part of the document discusses the importance of maintaining accurate records of all transactions. It emphasizes that every entry should be supported by a valid receipt or invoice. This ensures transparency and allows for easy verification of the data.

Furthermore, it is noted that the records should be kept in a secure and accessible format. Regular backups are recommended to prevent data loss in the event of a system failure or disaster.

In addition, the document highlights the need for a clear and consistent naming convention for all files and folders. This helps in organizing the data and makes it easier to locate specific information when needed.

The second part of the document provides a detailed overview of the current status of the project. It includes a summary of the progress made to date and identifies any areas that require further attention.

The project has made significant progress in the areas of data collection and initial analysis. However, there are still several key tasks that need to be completed, including the final review of the data and the preparation of the final report.

It is expected that the project will be completed by the end of the month. The team is committed to ensuring that all deliverables are of high quality and meet the requirements of the stakeholders.

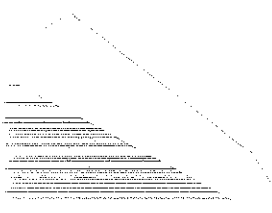
The following table provides a breakdown of the project's budget and resource allocation. This information is crucial for understanding the financial implications of the project and for ensuring that resources are used efficiently.

Category	Item	Quantity	Unit Price	Total Cost
Personnel	Project Manager	1	\$100,000	\$100,000
	Analyst	2	\$50,000	\$100,000
	Support Staff	3	\$30,000	\$90,000
Equipment	Software Licenses	5	\$20,000	\$100,000
	Hardware	10	\$10,000	\$100,000
Travel	Conferences	2	\$50,000	\$100,000
	Client Meetings	5	\$20,000	\$100,000
Miscellaneous	Printing	100	\$1,000	\$100,000
	Office Supplies	1000	\$100	\$100,000
Total				\$1,000,000

The budget is subject to change based on the project's progress and any unforeseen circumstances. It is important to monitor the budget closely and report any variances to the steering committee.

The project team is confident that the project will be completed successfully and that the results will provide valuable insights into the current market conditions.

The final part of the document provides a list of contact information for the project team and the steering committee. This information is available for any questions or concerns that may arise during the project.



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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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IS63

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)



2002 SCHEME

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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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