

[Total No. of Questions - 9] [Total No. of Printed Pages - 2]  
(2125)

15223

**B. Tech 6th Semester Examination**  
**Management Information System (OS)**  
**IT-6001**

**Time : 3 Hours**

**Max. Marks : 100**

*The candidates shall limit their answers precisely within the answer-book (40 pages) issued to them and no supplementary/continuation sheet will be issued.*

**Note :** Attempt any one question from Section A, B, C and D.  
Section E is compulsory.

**SECTION - A**

1. (a) Why are information systems so essential for running and managing a business today? (10)  
(b) What are the advantages of management information system? How it develops in the organization? Explain. (10)
2. What exactly is management information system? Explain its management, organization, and technology components. (20)

**SECTION - B**

3. Describe the system objectives and system constraints with help of suitable example. (20)
4. (a) Explain conceptual system design document. (10)  
(b) What is definition of problem? Explain system objective and system constraints MIS for accounting and finance system. (10)

**[P.T.O.]**

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**SECTION - C**

5. (a) What are the alternative methods for building information systems? (10)  
(b) Explain the challenges involved in managing IT functions in an organization. (10)
6. (a) What are the core activities in the systems development process? (10)  
(b) Explain the advantages and disadvantages involved in end-user involvement. (10)

**SECTION - D**

7. What issues must be addressed when building a MIS for personal system? Explain working of MIS for personal system. (20)
8. What are the principal risk factors in information systems projects? Discuss MIS for marketing system. (20)

**SECTION - E**

9. (a) Explain with examples utility of information.  
(b) Write a note on development strategies used in MIS planning.  
(c) What is system update?  
(d) What is the Role of Top management in MIS design and implementation?  
(e) Explain role of computers in MIS. (5×4=20)

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B. Tech 6th Semester Examination

Web Technology (OS)

IT-6002

Time : 3 Hours

Max. Marks : 100

*The candidates shall limit their answers precisely within the answer-book (40 pages) issued to them and no supplementary/continuation sheet will be issued.*

**Note :** Attempt five questions in all selecting one from each of the Sections A, B, C & D. Section E is compulsory.

**SECTION - A**

1. What do you mean by internet connectivity? Discuss various types of internet connectivities in detail. (20)
2. What are various privacy and security methods in the internet? Explain briefly. (20)

**SECTION - B**

3. Discuss the basic principles of a web page design with an example. (20)
4. What is a search engine? Explain their working. (20)

**SECTION - C**

5. Discuss document object model. Explain style sheets. (20)
6. Explain the features of macromedia director. Also discuss its limitation. (20)

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**SECTION - D**

7. Discuss the role of web database and explain the database access issues. (20)
8. Explain the transaction processing issues with the help of an example. (20)

**SECTION - E**

9. Write short notes on:
  - (a) Firewalls.
  - (b) Telnet.
  - (c) Flash.
  - (d) Java Script.
  - (e) PWS.
  - (f) FTP.
  - (g) Navigation within web pages.
  - (h) URL.
  - (i) Data binding in DHTML.
  - (j) Data transfer ratio. (10×2=20)