

[Total No. of Questions - 10] [Total No. of Printed Pages - 4]  
(2063)

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**MBA 1st Semester Examination**  
**Computer Applications in Management**

107

**Time : 3 Hours**

**Max. Marks : 60**

*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 question from each unit. All questions carry equal marks.

**UNIT - I**

1. (a) What computer system technologies and functions are included in self-service kiosks? What other technologies should be provided? What is the customer value and business value of self-service kiosks in the airline industry?
- (b) Explain the history and evolution of computer hardware. Identify the computer system and peripherals you would acquire or recommend for a business of your choice and explain the reason for your selection.
2. Explain in brief:
  - (i) What is difference between RAM and ROM?
  - (ii) What is Number System? Convert  $(6.625)_{10}$  to  $(\dots\dots\dots)_2$ .

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- (iii) What are the advantages of Assembly Language over Machine Language?
- (iv) Difference between Translators, Assembler, Interpreter and Compiler.
- (v) Difference between Fields, Records and File.
- (vi) Describe the main uses of computer programming software, tools and language.

### UNIT - II

- 3. (a) What is Algorithms? What is the relationship between algorithms and flowchart? Explain basic flowchart symbols with example.
- (b) What are the flowcharting rules? Draw a flow chart to solve the following equation:

$$F = \frac{9}{5}C + 32$$

- 4. (a) How decision table different from flowchart? Explain decision table with an example.
- (b) What are the advantage and disadvantage of flowchart? Write an algorithm and flowchart to find reverse number of given string.

### UNIT - III

- 5. (a) Define the term software compatibility and hardware compatibility. What role have they played in the evolution of computer system?

- (b) What are the business benefits of adopting open source software? How can the risks associated with open source software? Do you realize open source software eventually replacing the current proprietary software model?
- 6. (a) How data is the related to information? List four significant differences between a file processing system and a Database management system. Explain the business value of data storage hierarchy using diagram.
- (b) What is Database Management System? How it is different from Relational Database Management System? Explain five main functions of Database Administrator.

#### UNIT - IV

- 7. (a) What is a computer network and what is the block diagram and basic elements of computer networks? Explain topologies and different types of computer network using diagram.
- (b) An alternative to a LAN is simply a big timesharing system with terminal for all users. Give two advantages of a client-server system using a LAN. Explain FTP, HTTP and HTTPS protocols.
- 8. (a) Explain the role of Internet in development of organization. How do we build customer value via the internet? What are some of the benefits that organizations could realize by connecting all of their employees by mobile devices?

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- (b) What is domain name? What are the purpose, challenges and business value of web services? What are the benefits of web services to Amazon, eBay and their developer partners?

### **UNIT - V**

- 9. (a) What are the various components of operating system? How WINDOWS operating system are different from DOS? List the steps needed to run a program on a completely dedicated machine.
  - (b) What is DOS? What is the difference between internal and external commands in DOS? Explain the purpose of following DOS Commands:  
TREE, CHKDSK, SET, DOSKEY, XCOPY
10. Explain in brief:
- (a) What do you understand by a database? How do you create a table in MS-Access?
  - (b) What is batch file? Explain Autoexe.bat and config.sys file.
  - (c) Suppose one wants to replace a particular word with another word. Explain the process how it can be done in MS-Word.
  - (d) What is Macros? What are the steps to create Macros in MS-Power Point?
  - (e) How a file or folder in Windows and DOS can be created, renamed and deleted?
  - (f) What is Pivot Table? How to design a pivot table in MS-Excel?