

MASTER OF BUSINESS ADMINISTRATION
First Semester
Information Technology in Business
(MBA-05)

Duration: 3Hrs.

Full Marks: 70

Part-A (Objective) =20

Part-B (Descriptive)=50

(PART-B: Descriptive)

Duration: 2 hrs. 40 mins.

Marks: 50

1. Answer the following questions (any five)

2×5=10

- a) Convert the followings from binary to decimal:
1101.11
- b) What is the difference between mini computer and micro computer?
- c) What is a web browser and a web server?
- d) Convert the followings from decimal to binary:
963.875
- e) Convert the followings from hexadecimal to binary:
9AF03
- f) What is information system?
- g) Write the differences between data, information and knowledge.

2. Answer the following questions (any five)

3×5=15

- a) Write the characteristics of forth generation computer.
- b) Briefly explain three different **protocols** necessary for internet.
- c) How many types of business files are available? Explain every type.
- d) Write some steps for writing a program.
- e) Write the differences between the top-down and bottom-up technique of program.
- f) List out three input devices and three output devices.
- g) Write short note on E-Commerce.

3. Answer the following questions (any five)

5×5=25

- a) Explain the three different types of file operations along with examples.
- b) Draw the block diagram of a computer system and explain the functions of every unit.
- c) Define the terms- algorithm and flowchart. Explain the significance of flowcharts in program analysis along with an example.
- d) Broadly classify computer software. Explain every type of software with an specific example.
- e) Write an algorithm to find whether a number is even or odd.
- f) State the advantages and disadvantages of computer network.
- g) Explain the characteristics of a computer system.

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(The figures in the margin indicate full marks for the questions)

Duration: 20 minutes

Marks – 20

PART A- Objective Type

I. Choose the correct answer from the given options:

1×20=20

1. Which of the following symbols is not used in hexadecimal number systems:
(a) A (b) H (c) E (d) F
2. Base of octal number system is:
(a) 2 (b) 10 (c) 8 (d) 16
3. Which device is used to connect a LAN to a WAN?
(a) Hub (b) Switch (c) Bridge (d) Router
4. A program that request information from another computer on network is known as
(a) server (b) host (c) client (d) hub
5. The protocol responsible for transferring of files over the internet is:
(a) HTTP (b) FTP (c) POP (d) TCP/IP
6. Which of the following is a type of ISP
(a) DSL (b) hypertext (c) browsers (d) None of these
7. Which of the following is not a type of network?
(a) LAN (b) PAN (c) MAN (d) WAN
8. Which of the following is a utility software:
(a) Word Processor (b) Anti-virus (c) Desktop publishing tool (d) Compiler
9. Window Vista, Linux and UNIX are examples of
(a) Operating system (b) Computer hardware (c) firmware (d) Device Driver
10. A character is a combination of multiple related _____
(a) Bits (b) fields (c) records (d) files
11. A file is a combination of multiple related _____
(a) Bits (b) fields (c) records (d) databases
12. Second-generation computers were manufactured using which technology?
(a) Vacuum tubes (b) Transistors (c) ICs (d) None of these
13. Adobe Photoshop is an example of _____ software.
(a) graphics (b) spreadsheet (c) personal assistance (d) Entertainment

14. Searching and sorting are different types of:
(a) files (b) file organizations (c) file operations (d) None of these
15. Arranged data in an order and form is known as
(a) information (b) knowledge (c) data (d) none of these
16. What is the name of first ever internet of world?
(a) ARPANET (b) WWW (c) WAIS (d) none of these
17. .com, .edu, .gov are some commonly used name for
(a) service provider (b) browser (c) domain (d) none of these
18. Which of the following file is a copy of a file created as a safety precaution against loss of data?
(a) master file (b) transaction file (c) report file (d) back up file
19. Which of the following is a program design tool:
(a) algorithm (b) flowchart (c) both of these (d) None of these
20. STACK follows which of the following strategy:
(a) FIFO (b) FILO (c) LILO (d) LIFO
