

MASTER OF BUSINESS ADMINISTRATION
FIRST SEMESTER
INFORMATION TECHNOLOGY IN BUSINESS
MBA – 106

**SET
A**

[USE OMR SHEET FOR OBJECTIVE PART]

Duration: 3 hrs.

Full Marks: 70

Time: 30 mins.

(Objective)

Marks: 20

Choose the correct answer from the following:

1 × 20 = 20

1. The algorithms are expressed in a pictorial form is called
 - a. Computer program
 - b. Flowchart
 - c. Protocol
 - d. None of the above
2. $(1101)_2 = (?)_{16}$
 - a. A
 - b. B
 - c. C
 - d. D
3. Which of the following is not an input device?
 - a. OCR
 - b. Optical scanner
 - c. Voice recognition device
 - d. COM (Computer Output to Microfilm)
4. An example of analog computers is
 - a. Speedometer
 - b. SX3
 - c. NEC
 - d. Appro Extreme X1
5. Which of the following instructs the computer hardware, what to do and how to do it?
 - a. Input devices
 - b. CPU
 - c. Device driver
 - d. Software
6. Google Desktop is a
 - a. Antivirus software
 - b. File management tool
 - c. Compression tool
 - d. Disk management tool
7. Which one of the following is an open-source operating system?
 - a. UNIX
 - b. Windows
 - c. LINUX
 - d. Both a & c
8. Find the odd one out.
 - a. MS-Word
 - b. Adobe Acrobat
 - c. VLC player
 - d. WinZip
9. Database is an organized collection of related
 - a. Data
 - b. Modules
 - c. Programs
 - d. None of the above
10. DDL stands for
 - a. Data Development Language
 - b. Data Document Language
 - c. Data Definition Language
 - d. Document Definition Language

11. DBMS helps achieve
 - a. Data independence
 - b. Centralized control of data
 - c. Both A & B
 - d. None of the above
12. Which software development approach/method uses a dynamic and iterative way to build software?
 - a. Waterfall Approach
 - b. Spiral Approach
 - c. Incremental Approach
 - d. Agile and Scrum Approach
13. HTTP is
 - a. A web browser
 - b. A set of rules which are used to retrieve linked web pages across the web
 - c. A search engine
 - d. None of the above
14. URL is the acronym for
 - a. Uniformly Reachable Link
 - b. Universal Record Locator
 - c. Universal Record Linking
 - d. Uniform Resource Locator
15. A router is
 - a. A network adapter used to setup a wired network
 - b. A device used for conversion between analog signals and digital bits
 - c. A network device that can receive the data, analyze it and transmit to other networks
 - d. An eight-pin connector
16. IPv4, IPv6 are examples of
 - a. Communication Protocol
 - b. ISP
 - c. Web server
 - d. IP address
17. The _____ e-Commerce model involves electronically-facilitated transactions between individuals, often through a third party
 - a. Business to Business (B2B)
 - b. Consumer to Consumer (C2C)
 - c. Business to Consumer (B2C)
 - d. Consumer to Business (C2B)
18. In which of the following, personal digital assistants (PDAs) are used for buying and selling of goods and services?
 - a. E-Commerce
 - b. M-Commerce
 - c. V-Commerce
 - d. All of the above
19. Which one of the following is included under hardware for a IoT system?
 - a. Pressure sensors
 - b. Smart phones
 - c. Smart watch
 - d. All of the above
20. What is e-payment?
 - a. An electronic payment for buying and selling
 - b. Payment of online services
 - c. Payment of electronics
 - d. None of the above

(Descriptive)

Time : 2 Hr. 30 Mins.

Marks : 50

[Answer question no.1 & any four (4) from the rest]

1. a) Draw the underlying logical structure of the computer system and elaborate the different building blocks. 5+5=10
b) Illustrate the key features of a computer system that makes it stand out as a computing device.
2. What is an input device? What are the different types of input devices? Briefly illustrate each one them. 2+8=10
3. a) Define software. Explain the three types of software used in any computer system with appropriate examples, emphasizing on its functions and necessities. 5+5=10
b) State five major functions of operating systems in a computer set-up.
4. a) What are the advantages of using database management system (DBMS)? 5+5=10
b) Explain the steps involved in the software development process in brief.
5. What is computer network? What are the different types of computer networks? Explain each one of them. 2+8=10
6. Discuss the significance of internet in today's business world with reference to its positive and negative impacts. 10
7. Define E-commerce. Draw a comparison between E-business and traditional mode of business, highlighting the differences between the two. 2+8=10
8. a) What are the key features of IoT (Internet of Things)? Elaborate. 5+5=10
b) Millions of security breaches make the internet less safe for business every year. Discuss the security requisites in electronic payment systems to ensure safe and secure transactions.

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