

**MASTER OF BUSINESS ADMINISTRATION
FIRST SEMESTER [SPECIAL REPEAT]
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

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(Descriptive)

Time : 2 Hr. 30 Mins.

Marks : 50

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

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| 1. a) Draw the underlying logical structure of the computer system and elaborate the different building blocks.
b) Illustrate the key features of a computer system that makes it stand out as a computing device. | 5+5=10 |
| 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.
b) State five major functions of operating systems in a computer set-up. | 5+5=10 |
| 4. a) What are the advantages of using database management system (DBMS)?
b) Explain the steps involved in the software development process in brief. | 5+5=10 |
| 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.
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. | 5+5=10 |

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