COMPUTER

Computer Basics Worksheet

For students preparing for MAH-B.BCA/BBA/BMS/BBM CET 2024 for admission to BCA, BBA, BMS, BBM

1. Which of the following is not an operating system?
   A. Windows
   B. MacOS
   C. Linux
   D. Python

2. The primary function of the BIOS is to:
   A. Manage memory
   B. Run application software
   C. Initialize and test hardware during booting
   D. Connect to the internet

3. Which memory is known as non-volatile and permanent storage?
   A. RAM
   B. ROM
   C. Cache
   D. Register

4. The brain of any computer system is:
   A. ALU
   B. Memory
   C. CPU
   D. Control Unit

5. A terabyte is equal to:
   A. 1024 gigabytes
   B. 1024 megabytes
   C. 1024 kilobytes
   D. 1024 bytes

6. The device that connects a computer to a telephone line for Internet access is called:
   A. Modem
   B. Router
   C. Switch
   D. Hub

7. Which of the following is an example of system software?
   A. Microsoft Word
   B. Adobe Photoshop
   C. Windows 10
   D. Google Chrome

8. The full form of RAM is
   A. Read Access Memory
   B. Random Access Memory
   C. Ready Access Memory
   D. Run Access Memory

9. Which unit holds data temporarily and processes instructions?
   A. CPU
   B. Memory
   C. ALU
   D. Control Unit

10. Which technology is used in Compact Discs?
    A. Electrical
    B. Magnetic
    C. Electro-magnetic
    D. Laser

11. Which of the following is not an example of hardware?
  A. Mouse
  B. Printer
  C. Monitor
  D. MS Office

12. Which is the following file extensions is for an image file?
  A. .exe
  B. .jpg
  C. .bat
  D. .txt

13. Which language is directly understood by the computer without translation?
  A. Assembly language
  B. Machine language
  C. High-level language
  D. Natural language

14. Which of the following is an example of a high-level programming language?
  A. Assembly
  B. Machine code
  C. Python
  D. Binary

15. What does VGA stand for?
  A. Video Graphics Array
  B. Visual Graphics Adapter
  C. Video Graphic Adapter
  D. Visual Graphics Array

16. Which type of software is designed to help the user perform specific tasks?
  A. System software
  B. Application software
  C. Utility software
  D. Firmware

17. Which storage device can hold the most data?
  A. Floppy disk
  B. CD-ROM
  C. DVD
  D. Blu-ray disc

18. The device used to carry digital data on analog lines is called:
  A. Modem
  B. Multiplexer
  C. Modulator
  D. Demodulator

19. What does the acronym HTML stand for?
  A. Hyper Text Markup Language
  B. Hyperlinks and Text Markup Language
  C. Home Tool Markup Language
  D. Hyperlinking Text Marking Language

20. Which component is responsible for executing instructions in a computer?
  A. Memory
  B. CPU
  C. Input device
  D. Output device

21. Which part of the computer provides the necessary electrical power to all parts?
  A. CPU
  B. Motherboard
  C. Power supply unit
  D. RAM

22. Which of the following devices is not used for input?
  A. Keyboard
  B. Mouse
  C. Printer
  D. Scanner

23. Which type of memory is known as temporary memory?
  A. ROM
  B. RAM
  C. Hard Disk
  D. SSD

24. Which one is considered as the first computer programmer?
  A. Charles Babbage
  B. Ada Lovelace
  C. Alan Turing
  D. John von Neumann

25. What does LAN stand for?
  A. Large Area Network
  B. Local Area Network
  C. Long Area Network
  D. Light Area Network

26. Which of the following is not a programming language?
    A. Java
    B. Python
    C. HTML
    D. C++

27. What is the full form of SQL?
    A. Structured Query Language
    B. Simple Query Language
    C. Sequential Query Language
    D. Standard Query Language

28. Which part of the computer is used for long-term storage?
    A. RAM
    B. ROM
    C. Hard Drive
    D. Cache

29. Which of the following is not a function of an operating system?
    A. Memory management
    B. Virus protection
    C. File management
    D. Process management

30. The main memory of a computer is also known as:
    A. Hard disk
    B. RAM
    C. ROM
    D. Cache

31. Which protocol is used to browse websites?
    A. FTP
    B. HTTP
    C. SMTP
    D. TCP

32. Which of the following is a binary number?
    A. 109
    B. 101
    C. 255
    D. 1A

33. What type of software is an antivirus?
    A. System software
    B. Application software
    C. Utility software
    D. Development software

34. Which generation of computers used integrated circuits?
    A. First
    B. Second
    C. Third
    D. Fourth

35. Which type of computer memory is non-volatile?
    A. RAM
    B. ROM
    C. Cache
    D. Register

36. Who is known as the father of the Internet?
    A. Vint Cerf
    B. Tim Berners-Lee
    C. Bill Gates
    D. Steve Jobs

37. Which device is used to convert digital signals to analog signals?
    A. Router
    B. Switch
    C. Modem
    D. Hub

38. Which of the following is not an example of application software?
    A. Microsoft Excel
    B. Adobe Photoshop
    C. Linux OS
    D. Web Browser

39. Which command is used to copy files in DOS?
    A. COPY
    B. MOVE
    C. CUT
    D. PASTE

40. Which of the following is an output device?
    A. Keyboard
    B. Mouse
    C. Monitor
    D. Scanner

41. Which device is used for navigation in a graphical user interface?
    A. Keyboard
    B. Mouse
    C. Scanner

D. Printer

42. What is the name of the computer network that connects computers over a large geographical area?
   A. LAN
   B. MAN
   C. WAN
   D. PAN

43. What does the abbreviation IP stand for in computer networks?
   A. Internet Protocol
   B. Interface Protocol
   C. Internet Procedure
   D. Interface Procedure

44. Which of the following storage media is read-only?
   A. Hard Drive
   B. CD-RW
   C. DVD-R
   D. CD-ROM

45. Which part of the computer is considered the main circuit board?
   A. Processor
   B. Motherboard
   C. Hard Drive
   D. Power Supply

46. Which type of computer is specifically designed for complex tasks?
   A. Mainframe
   B. Supercomputer
   C. Personal Computer
   D. Workstation

47. Which of the following is not a type of user interface?
   A. Command Line Interface
   B. Graphical User Interface
   C. Natural Language Interface
   D. Physical User Interface

48. What is the main function of the Control Unit in the CPU?
   A. Execute instructions
   B. Store data
   C. Fetch and decode instructions
   D. Perform arithmetic operations

49. Which device is used for temporary data storage and has volatile memory?
   A. Hard Drive
   B. RAM
   C. ROM
   D. Flash Drive

50. Which of the following is not a computer network topology?
   A. Star
   B. Ring
   C. Loop
   D. Mesh

Answer Key

1. D	2. C	3. B	4. C	5. A	6. A	7. C	8. B	9. A	10. D
11. D	12. B	13. B	14. C	15. A	16. B	17. D	18. A	19. A	20. B
21. C	22. C	23. B	24. B	25. B	26. C	27. A	28. C	29. B	30. B
31. B	32. B	33. C	34. C	35. B	36. A	37. C	38. C	39. A	40. C
41. B	42. C	43. A	44. D	45. B	46. B	47. D	48. C	49. B	50. C