

1. Main memory is another name for _____ store.
(A) backing
(B) immediate access
(C) major
(D) disk
2. _____ is the most common type of volatile memory.
(A) ROM
(B) Flash memory
(C) CMOS
(D) RAM
3. _____ is a primary storage device that may be programmed once by the user.
(A) RAM
(B) ROM
(C) PROM
(D) EPROM
4. A bit is a _____ digit.
(A) denary
(B) analog
(C) binary
(D) small
5. A _____ is the smallest element in an electronic image.
(A) byte
(B) character
(C) pixel
(D) point
6. The prefix _____ means billion.
(A) giga
(B) kilo
(C) tera
(D) exa
7. _____ refers to the number of bits that may be held in a word.
(A) Clock speed
(B) Word size
(C) Sequential access
(D) Device interface
8. The capacity of a DVD is typically measured in _____.
(A) kilobytes (KB or K)
(B) megabytes (MB)
(C) gigabytes (GB)
(D) terabytes (TB)
9. A _____ is a sequentially accessed medium.
(A) disk drive
(B) magnetic disk
(C) magnetic tape
(D) tape drive
10. _____ is a type of memory circuitry that holds the computer's startup routine.
(A) RIM (Read Initial Memory)
(B) RAM (Random Access Memory)
(C) ROM (Read-Only Memory)
(D) REM (Ready Ever Memory)

11. All of the following items are widely used input devices EXCEPT the _____.

- (A) keyboard and mouse
- (B) microphone and scanner
- (C) digital camera and web camera
- (D) printer and monitor

12. In data representation, a _____ represents one character which may be a letter, number, or punctuation mark.

- (A) bit
- (B) bistable
- (C) byte
- (D) word

13. Which of the following statements is UNTRUE?

- (A) CPU + peripherals = computer system
- (B) All computers have input devices
- (C) All computers have input capabilities
- (D) All input devices are peripherals

14. Which of the following device interfaces integrates the device controller into the disk or CD drive?

- (A) SCSI
- (B) IDE
- (C) SATA
- (D) SICS

15. Devices that capture data directly from a source document include all of the following items EXCEPT _____.

- (A) optical scanners and optical readers
- (B) bar code readers
- (C) magnetic-ink character recognition readers
- (D) portable keyboards

16. The speed of a dot-matrix printer is measured by the number of _____ that it can print.

- (A) characters per second
- (B) characters per minute
- (C) pages per second
- (D) pages per minute

17. A(n) _____ printer is suitable for printing multi-part forms because they easily print through many layers of paper.

- (A) laser
- (B) thermal
- (C) inkjet
- (D) dot matrix

18. Which of the following devices are MOST LIKELY to be used at an airport for border control activities?

- (A) OMR, document scanner, web camera
- (B) OCR, document scanner, digital camera
- (C) OMR, bar code reader, web camera
- (D) OCR, bar code reader, digital camera

19. A home computer system is equipped with a memory card reader, a floppy disk drive, a DVD drive and an internal hard disk. The LEAST and MOST portable media that can be used with this computer are _____.
- (A) hard disk and memory card
(B) DVD and memory card
(C) DVD and floppy disk
(D) hard disk and floppy disk
20. Arrange the following secondary storage devices in order of increasing capacity from smallest to largest: a 1 GB memory card, CD-ROM, DVD and a 128 MB flash drive.
- (A) flash drive, CD-ROM, memory card, DVD
(B) flash drive, CD-ROM, DVD, memory card
(C) memory card, flash drive, CD-ROM, DVD
(D) memory card, CD-ROM, flash drive, DVD

TEST 2

Fundamentals of Hardware & Software

21. All of the following are systems programs EXCEPT _____.
- (A) utilities
(B) translators
(C) word-processors
(D) operating systems
22. A _____ is the smallest addressable unit on a disk.
- (A) track
(B) platter
(C) cylinder
(D) sector
23. The term _____ designates equipment that might be added to a computer system to enhance its functionality.
- (A) digital
(B) disk
(C) peripheral
(D) system
24. _____ is a temporary holding area for data, application program instructions, and the operating system.
- (A) RAM
(B) ROM
(C) PROM
(D) EPROM
25. A financial institution needs only to provide the caller with a limited amount of information. A _____ system is ideal to satisfy this need.
- (A) voice capture
(B) voice recognition
(C) voice response
(D) sound capture