

Technology In Action, Complete, 14e (Evans et al.)
Chapter 2 Looking at Computers: Understanding the Parts

- 1) What is the difference between data and information?
 - A) Data represents a fact. Information is data that has been organized.
 - B) They are essentially the same thing.
 - C) Data is numbers. Information is words.
 - D) Data represents a process. Information is the stored data.

- 2) Computers use a _____ language consisting of 0s and 1s.
 - A) symbol
 - B) binary
 - C) byte
 - D) system

- 3) In binary language, each letter of the alphabet, each number, and each special symbol is made up of a unique combination of eight _____.
 - A) bytes
 - B) kilobytes
 - C) characters
 - D) bits

- 4) Which of the following is the smallest unit of measure?
 - A) Megabyte
 - B) Gigabyte
 - C) Petabyte
 - D) Terabyte

- 5) Apple's macOS and Microsoft Windows are examples of _____ software.
 - A) utility
 - B) application
 - C) operating system
 - D) communication

- 6) An Apple iPad and a Microsoft Surface are examples of _____ computers.
 - A) tablet
 - B) netbook
 - C) desktop
 - D) laptop

- 7) Which of the following computers is large, expensive, and is designed to execute a few programs as fast as possible?
 - A) Desktop computer
 - B) Supercomputer
 - C) Mainframe computer
 - D) Embedded computer

- 8) _____ computers are specially designed computer chips that reside inside other devices, such as a car.
- A) Tablet
 - B) Desktop
 - C) Embedded
 - D) Netbook
- 9) A keyboard and touch screen are the most common of _____ devices.
- A) output
 - B) processing
 - C) input
 - D) storage
- 10) A(n) _____ is an input device that looks like a pen.
- A) joystick
 - B) e-rod
 - C) pointer
 - D) stylus
- 11) Each of these is a basic type of a touch screen, EXCEPT _____.
- A) resistive
 - B) reflective
 - C) capacitive
 - D) surface acoustic wave
- 12) The number of pixels displayed on the screen is known as _____.
- A) contrast ratio
 - B) aspect ratio
 - C) brightness resolution
 - D) screen resolution
- 13) The most common type of monitor for laptops and desktop computers is a(n) _____.
- A) liquid crystal display (LCD)
 - B) light-emitting diode (LED)
 - C) organic light-emitting diode (OLED)
 - D) cathode ray tube (CRT)
- 14) The two main categories of home and office printers are _____ and laser printers.
- A) inkjet
 - B) large format
 - C) cloud-based
 - D) thermal

- 15) _____ printers use static electricity and toner and heat set the image on the page very quickly.
- A) Inkjet
 - B) Thermal
 - C) Nonimpact
 - D) Laser
- 16) The _____ contains the central electronic components of the computer.
- A) motherboard
 - B) arithmetic/logic unit
 - C) peripheral unit
 - D) input unit
- 17) A _____ enables your computer to connect to other computers or to the Internet.
- A) video card
 - B) network interface card (NIC)
 - C) sound card
 - D) controller card
- 18) The computer stores currently used programs and data in _____.
- A) ROM
 - B) CPU
 - C) RAM
 - D) USB
- 19) RAM is a _____ storage location.
- A) permanent
 - B) peripheral
 - C) volatile
 - D) nonvolatile
- 20) The area that holds all the startup instructions the computer needs to start is _____.
- A) RAM
 - B) ROM
 - C) USB
 - D) CPU
- 21) A(n) _____ CPU has two processing paths, allowing it to process more than one instruction at a time.
- A) all-in-one
 - B) bimodal
 - C) dual-core
 - D) dual-mode

22) Which of the following is NOT an example of nonvolatile storage?

- A) Hard drive
- B) DVD
- C) RAM
- D) Flash drive

23) Dropbox is an example of _____.

- A) SSD technology
- B) cloud storage
- C) optical storage
- D) Bluetooth technology

24) All of the following are names for a flash drive EXCEPT _____ drive.

- A) jump
- B) USB
- C) thumb
- D) hard

Answer: D

25) Flash drives plug into a(n) _____.

- A) USB port
- B) serial port
- C) expansion slot
- D) drive bay

26) Which of the following optical storage media has the greatest storage capacity?

- A) DVD DL
- B) DVD
- C) CD
- D) Blu-ray

27) Which port is the most common port used to connect input and output devices to a computer?

- A) Universal serial bus (USB)
- B) Parallel
- C) FireWire
- D) Ethernet

28) To connect a peripheral device to a computer to exchange data, find the appropriate _____ for the device.

- A) port
- B) drive
- C) slot
- D) expansion bus

- 29) Which computer port transmits audio and video without the need for compression?
- A) VGA
 - B) USB
 - C) HDMI
 - D) RGA
- 30) Which of the following is NOT a goal of green IT?
- A) Cleaning waterways with repurposed computers
 - B) Reduce use of electricity
 - C) Use technology to reduce travel
 - D) Use technology as long as possible
- 31) All of the following are ways to avoid injuries when working on computers EXCEPT _____.
- A) placing a monitor at least 12" from the eyes
 - B) purchasing an adjustable chair
 - C) ensuring proper lighting
 - D) taking breaks
- 32) A _____ is the biggest power consumer on a computer.
- A) display
 - B) hard drive
 - C) memory module
 - D) CPU
- 33) _____ is concerned with the design and arrangement of machines and furniture to avoid uncomfortable or unsafe experiences.
- A) Ergonomics
 - B) Positioning
 - C) Occupational safety
 - D) Repetitive strain prevention