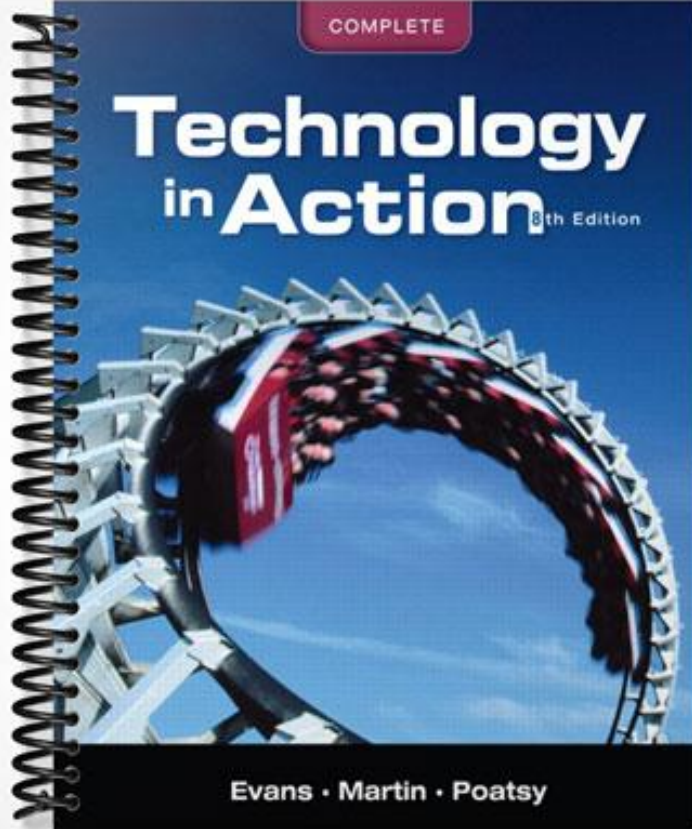


# TEST BANK

COMPLETE

# Technology in Action

8th Edition



Evans • Martin • Poatsy

**MULTIPLE CHOICE.** Choose the one alternative that best completes the statement or answers the question.

1) \_\_\_\_\_ is data that has been organized or presented in a meaningful fashion.

- A) A symbol
- B) A character
- C) A number
- D) Information

Answer: D

Diff: 1 Type: MC

Section Ref: Computers Are Data Processing Devices

2) Which of the following is NOT one of the four major data processing functions of a computer?

- A) processing data into information
- B) gathering data
- C) analyzing the data or information
- D) storing the data or information

Answer: C

Diff: 1 Type: MC

Section Ref: Computers Are Data Processing Devices

3) Computers gather data, which means that they allow users to \_\_\_\_\_ data.

- A) input
- B) present
- C) store
- D) output

Answer: A

Diff: 1 Type: MC

Section Ref: Computers Are Data Processing Devices

4) After a picture has been taken with a digital camera and processed appropriately, the actual print of the picture is considered \_\_\_\_\_.

- A) a process
- B) input
- C) data
- D) output

Answer: D

Diff: 1 Type: MC

Section Ref: Bits and Bytes: The Language of Computers

5) The \_\_\_\_\_ language consists of just two digits: 0 and 1.

- A) binary
- B) data processing
- C) application
- D) base 10

Answer: A

Diff: 2 Type: MC

Section Ref: Bits and Bytes: The Language of Computers

6) \_\_\_\_\_ binary digits (or bits) combine to create one byte.

- A) Ten
- B) Eight
- C) Sixteen
- D) Two

Answer: B

Diff: 2 Type: MC

Section Ref: Bits and Bytes: The Language of Computers

7) The term "bit" is short for \_\_\_\_\_.

- A) binary number
- B) binary language
- C) megabyte
- D) binary digit

Answer: D

Diff: 2 Type: MC

Section Ref: Bits and Bytes: The Language of Computers

8) Computers process data into information by working exclusively with \_\_\_\_\_.

- A) words
- B) numbers
- C) characters
- D) multimedia

Answer: B

Diff: 1 Type: MC

Section Ref: Bits and Bytes: The Language of Computers

9) \_\_\_\_\_ is the set of computer programs that enables the hardware to perform different tasks.

- A) Hardware
- B) Data
- C) Software
- D) Binary data

Answer: C

Diff: 2 Type: MC

Section Ref: Bits and Bytes: The Language of Computers

10) In binary language, each letter of the alphabet, each number, and each special character is made up of a unique combination of

- A) eight bits.
- B) eight bytes.
- C) eight kilobytes.
- D) eight characters.

Answer: A

Diff: 2 Type: MC

Section Ref: Bits and Bytes: The Language of Computers

11) A \_\_\_\_\_ is approximately 1 billion bytes.

- A) kilobyte
- B) megabyte
- C) bit
- D) gigabyte

Answer: D

Diff: 2 Type: MC

Section Ref: Bits and Bytes: The Language of Computers

12) A \_\_\_\_\_ is approximately 1 million bytes.

- A) megabyte
- B) terabyte
- C) kilobyte
- D) gigabyte

Answer: A

Diff: 2 Type: MC

Section Ref: Bits and Bytes: The Language of Computers

13) \_\_\_\_\_ software is the set of programs that enables the computer's hardware devices and application software to work together.

- A) Application
- B) Utility
- C) System
- D) Binary

Answer: C

Diff: 2 Type: MC

Section Ref: Bits and Bytes: The Language of Computers

14) Any computer parts that you can actually touch are considered to be \_\_\_\_\_.

- A) hardware
- B) systems
- C) software
- D) platforms

Answer: A

Diff: 1 Type: MC

Section Ref: Bits and Bytes: The Language of Computers

15) The \_\_\_\_\_ contains the central electronic components of the computer.

- A) system unit
- B) input unit
- C) peripheral unit
- D) motherboard

Answer: D

Diff: 1 Type: MC

Section Ref: Processing and Memory on the Motherboard

16) \_\_\_\_\_ computers are specially designed computer chips that reside inside other devices such as your car or the electronic thermostat in your home.

- A) Embedded
- B) Internal
- C) Mainframe
- D) Desktop

Answer: A

Diff: 2 Type: MC

Section Ref: Your Computer's Hardware

17) Devices such as monitors and printers that are connected to the computer are called \_\_\_\_\_.

- A) system devices
- B) processing devices
- C) input devices
- D) peripheral devices

Answer: D

Diff: 1 Type: MC

Section Ref: Your Computer's Hardware

18) All the following are examples of input devices EXCEPT a \_\_\_\_\_.

- A) mouse
- B) scanner
- C) keyboard
- D) printer

Answer: D

Diff: 1 Type: MC

Section Ref: Input Devices

19) Which of the following is an example of an input device?

- A) a printer
- B) a scanner
- C) a CD
- D) a speaker

Answer: B

Diff: 1 Type: MC

Section Ref: Input Devices

20) A(n) \_\_\_\_\_ enables you to enter data (text, images, and sound) and instructions (user responses and commands) into the computer.

- A) motherboard
- B) output device
- C) input device
- D) system unit

Answer: C

Diff: 2 Type: MC

Section Ref: Input Devices

21) A(n) \_\_\_\_\_ is a device that looks like a skinny pen but has no ink.

- A) pointer
- B) stylus
- C) e-pen
- D) joystick

Answer: B

Diff: 1 Type: MC

Section Ref: Input Devices

22) A \_\_\_\_\_ is a portable computer that features a touch-sensitive screen and handwriting recognition software.

- A) Pocket PC
- B) desktop
- C) Tablet PC
- D) notebook

Answer: C

Diff: 2 Type: MC

Section Ref: Touch Screens

23) The \_\_\_\_\_ is used in combination with other keys to perform shortcuts and special tasks.

- A) Windows key
- B) Control (Ctrl) key
- C) Toggle key
- D) Function key

Answer: B

Diff: 2 Type: MC

Section Ref: Keyboards

24) \_\_\_\_\_ are shortcut keys that you press to perform special tasks; each software application has its own set of tasks assigned to these keys.

- A) Alt keys
- B) Control (Ctrl) keys
- C) Function keys
- D) Windows keys

Answer: C

Diff: 2 Type: MC

Section Ref: Keyboards

25) The small, touch-sensitive area at the base of the keyboard on a notebook computer is known as a \_\_\_\_\_.

- A) trackball
- B) stylus
- C) game control
- D) touch pad

Answer: D

Diff: 1 Type: MC

Section Ref: Mice and Other Pointing Devices

- 26) A(n) \_\_\_\_\_ uses an internal sensor or laser to detect the mouse's movement.
- A) trackball mouse
  - B) MoGo mouse
  - C) optical mouse
  - D) wireless mouse

Answer: C

Diff: 2 Type: MC

Section Ref: Mice and Other Pointing Devices

- 27) \_\_\_\_\_ microphones pick up sound from only one direction.
- A) Wireless
  - B) Omnidirectional
  - C) Unidirectional
  - D) Magnetically shielded

Answer: C

Diff: 1 Type: MC

Section Ref: Sound Input

- 28) The type of monitor that looks like a traditional television set is called a \_\_\_\_\_ monitor.
- A) high-definition
  - B) cathode-ray tube (CRT)
  - C) flat-panel
  - D) liquid crystal display (LCD)

Answer: B

Diff: 2 Type: MC

Section Ref: Monitors

- 29) Monitor screen grids are made up of millions of pixels, with each pixel containing \_\_\_\_\_ subpixels of colors.
- A) three
  - B) six
  - C) two
  - D) five

Answer: A

Diff: 2 Type: MC

Section Ref: Monitors

- 30) The term \_\_\_\_\_ describes computing devices or peripherals that use techniques, parts, and methods from an earlier time that are no longer popular.
- A) legacy technology
  - B) degraded technology
  - C) outmoded technology
  - D) outdated technology

Answer: A

Diff: 2 Type: MC

Section Ref: Monitors

31) \_\_\_\_\_ printers have tiny hammer-like keys that strike the paper through an inked ribbon.

- A) Inkjet
- B) Laser
- C) Nonimpact
- D) Impact

Answer: D

Diff: 1 Type: MC

Section Ref: Printers

32) Inkjet printers and laser printers are examples of \_\_\_\_\_ printers.

- A) dot-matrix
- B) nonimpact
- C) impact
- D) thermal

Answer: B

Diff: 2 Type: MC

Section Ref: Printers

33) \_\_\_\_\_ are large printers used to produce oversize pictures that require precise continuous lines, such as maps and architectural plans.

- A) Thermal printers
- B) Dot-matrix printers
- C) Multifunction printers
- D) Plotters

Answer: D

Diff: 2 Type: MC

Section Ref: Printers

34) Restarting a computer when it is already powered on is called \_\_\_\_\_.

- A) a warm boot
- B) standby mode
- C) a cold boot
- D) hibernation

Answer: A

Diff: 3 Type: MC

Section Ref: Power Controls

35) The \_\_\_\_\_, housed inside the system unit, regulates the wall voltage to the voltages required by the computer chips.

- A) RAM
- B) CPU
- C) motherboard
- D) power supply

Answer: D

Diff: 2 Type: MC

Section Ref: Power Controls



- 36) \_\_\_\_\_ is a power mode that allows the computer to save an image of the desktop to the hard drive and enter a state of reduced power consumption to save energy.
- A) Hibernate
  - B) Sleep
  - C) Cool down
  - D) Standby

Answer: A

Diff: 3 Type: MC

Section Ref: Power Controls

- 37) The hard disk drive is a \_\_\_\_\_ storage device, meaning that it stores data permanently.
- A) temporary
  - B) random
  - C) volatile
  - D) nonvolatile

Answer: D

Diff: 2 Type: MC

Section Ref: Hard Drives

- 38) Flash drives plug into a(n) \_\_\_\_\_.
- A) drive bay
  - B) serial port
  - C) expansion slot
  - D) USB port

Answer: D

Diff: 2 Type: MC

Section Ref: Flash Storage

- 39) A(n) \_\_\_\_\_ is where a peripheral device can attach to a computer so that data can be exchanged between it and the operating system.
- A) port
  - B) expansion bus
  - C) slot
  - D) drive

Answer: A

Diff: 2 Type: MC

Section Ref: Connecting Peripherals to the Computer

- 40) \_\_\_\_\_ ports are now the most common ports for connecting input and output devices to the computer.
- A) FireWire
  - B) Parallel
  - C) Serial
  - D) Universal serial bus (USB)

Answer: D

Diff: 2 Type: MC

Section Ref: High-Speed and Data Transfer Ports

- 41) USB ports are fast replacing traditional \_\_\_\_\_ ports because of their ability to transfer data quickly.
- A) monitor and modem
  - B) parallel and serial
  - C) video and audio
  - D) Ethernet and speaker

Answer: B

Diff: 2 Type: MC

Section Ref: High-Speed and Data Transfer Ports

- 42) The S-video and the \_\_\_\_\_ ports on a computer facilitate connecting the computer to multimedia devices such as TVs and DVD players.

- A) USB
- B) AVI
- C) DVI
- D) parallel

Answer: C

Diff: 3 Type: MC

Section Ref: Connectivity and Multimedia Ports

- 43) The \_\_\_\_\_ port resembles a standard phone jack.

- A) modem
- B) serial
- C) FireWire
- D) peripheral

Answer: A

Diff: 2 Type: MC

Section Ref: Connectivity and Multimedia Ports

- 44) \_\_\_\_\_ plug into slots on the motherboard and provide additional functionality for your computer.

- A) Ports
- B) USB devices
- C) Drive bays
- D) Expansion cards

Answer: D

Diff: 2 Type: MC

Section Ref: Processing and Memory on the Motherboard

- 45) \_\_\_\_\_ are a form of permanent storage that can be seen and accessed from outside the system unit and are typically used for CD and DVD drives.

- A) Hard drives
- B) External drive bays
- C) Flash drives
- D) Jump drives

Answer: B

Diff: 2 Type: MC

Section Ref: Storing Data and Information

46) A \_\_\_\_\_ enables your computer to connect to other computers or to the Internet.

- A) network interface card (NIC)
- B) sound card
- C) video card
- D) controller card

Answer: A

Diff: 2 Type: MC

Section Ref: Processing and Memory on the Motherboard

47) \_\_\_\_\_ is a form of permanent memory that holds all the instructions the computer needs to start up.

- A) ROM
- B) The NIC
- C) The CPU
- D) RAM

Answer: A

Diff: 3 Type: MC

Section Ref: Memory

48) RAM is considered volatile storage, which means it is \_\_\_\_\_.

- A) read-only
- B) permanent
- C) temporary
- D) random

Answer: C

Diff: 2 Type: MC

Section Ref: Memory

49) \_\_\_\_\_ is the place in a computer where the programs and data the computer is currently using are stored.

- A) RAM
- B) The power supply
- C) The CPU
- D) ROM

Answer: A

Diff: 2 Type: MC

Section Ref: Memory

50) \_\_\_\_\_ is the applied science concerned with designing and arranging things that people use so that the people and things interact most efficiently and safely.

- A) Occupational safety
- B) Positioning
- C) Repetitive strain prevention
- D) Ergonomics

Answer: D

Diff: 2 Type: MC

Section Ref: Setting It All Up

- 51) Large, expensive computers that support hundreds of users simultaneously are called \_\_\_\_\_.
- A) powercomputers
  - B) maxicomputers
  - C) supercomputers
  - D) mainframes

Answer: D

Diff: 1 Type: MC

Section Ref: Your Computer's Hardware

**SHORT ANSWER. Write the word or phrase that best completes each statement or answers the question.**

- 52) \_\_\_\_\_ is a representation of a fact, a figure, or an idea and can be a number, a word, a picture, or even a recording of sound.

Answer: Data

Diff: 1 Type: SA

Section Ref: Computers Are Data Processing Devices

- 53) Multifunction printers are also referred to as \_\_\_\_\_ printers.

Answer: all-in-one

Diff: 1 Type: SA

Section Ref: Printers

- 54) \_\_\_\_\_ is data that has been organized or presented in a meaningful fashion.

Answer: Information

Diff: 1 Type: SA

Section Ref: Computers Are Data Processing Devices

- 55) Computers are very good at manipulating or organizing data into information, also referred to as \_\_\_\_\_.

Answer: processing

Diff: 1 Type: SA

Section Ref: Computers Are Data Processing Devices

- 56) \_\_\_\_\_ software is a set of programs that enables your computer's hardware devices and application software to work together.

Answer: System

Diff: 2 Type: SA

Section Ref: Bits and Bytes: The Language of Computers

- 57) A \_\_\_\_\_ is approximately 1,024 bytes.

Answer: kilobyte

Diff: 1 Type: SA

Section Ref: Bits and Bytes: The Language of Computers

- 58) The \_\_\_\_\_ language uses the digits 0 and 1 and is understood by computers.

Answer: binary

Diff: 2 Type: SA

Section Ref: Bits and Bytes: The Language of Computers

- 59) \_\_\_\_\_ bits equal one byte.

Answer: Eight

Diff: 2 Type: SA

Section Ref: Bits and Bytes: The Language of Computers

- 60) MB stands for \_\_\_\_\_.  
Answer: megabyte  
Diff: 1 Type: SA  
Section Ref: Bits and Bytes: The Language of Computers
- 61) GB stands for \_\_\_\_\_.  
Answer: gigabyte  
Diff: 1 Type: SA  
Section Ref: Bits and Bytes: The Language of Computers
- 62) \_\_\_\_\_ software helps you perform specific tasks on the computer, such as writing a research paper.  
Answer: Application  
Diff: 2 Type: SA  
Section Ref: Bits and Bytes: The Language of Computers
- 63) \_\_\_\_\_ devices, such as monitors, modems, and printers, are externally connected to the computer.  
Answer: Peripheral  
Diff: 2 Type: SA  
Section Ref: Your Computer's Hardware
- 64) In a(n) \_\_\_\_\_ computer, the system unit is combined with other input and output devices.  
Answer: notebook  
Diff: 1 Type: SA  
Section Ref: Your Computer's Hardware
- 65) The \_\_\_\_\_ is the metal or plastic case that houses the power source and all storage devices of the computer.  
Answer: system unit  
Diff: 2 Type: SA  
Section Ref: Processing and Memory on the Motherboard
- 66) The \_\_\_\_\_ keyboard layout gets its name from the first six letters in the top left row of alphabetic keys on the keyboard and is the standard English-language keyboard layout.  
Answer: QWERTY  
Diff: 1 Type: SA  
Section Ref: Keyboards
- 67) \_\_\_\_\_ are similar to notebook PCs but also feature a touch-sensitive screen and handwriting recognition software.  
Answer: Tablet PCs  
Diff: 2 Type: SA  
Section Ref: Touch Screens
- 68) A(n) \_\_\_\_\_ is basically a traditional mouse that has been turned on its back.  
Answer: trackball  
Diff: 1 Type: SA  
Section Ref: Mice and Other Pointing Devices
- 69) With a(n) \_\_\_\_\_, you control the position of the cursor by moving your finger over a special area on the keyboard.  
Answer: touch pad  
Diff: 1 Type: SA  
Section Ref: Mice and Other Pointing Devices

- 70) The \_\_\_\_\_ pulls up a magnification box that can be dragged around the screen to enhance the viewing of hard-to-read-images.  
Answer: magnifier  
Diff: 1 Type: SA  
Section Ref: Mice and Other Pointing Devices
- 71) \_\_\_\_\_ make it possible to transmit live video over the Web and often are used to facilitate video conferencing.  
Answer: Webcams  
Diff: 3 Type: SA  
Section Ref: Image Input
- 72) In \_\_\_\_\_ systems, you operate your computer through a microphone, telling it to perform specific commands or to translate spoken words into data input.  
Answer: speech-recognition  
Diff: 2 Type: SA  
Section Ref: Sound Input
- 73) \_\_\_\_\_ microphones pick up sounds coming from all directions at once and are best used for conference calls or when you need to pick up the voices of multiple speakers.  
Answer: Omnidirectional  
Diff: 2 Type: SA  
Section Ref: Sound Input
- 74) Monitors display images by using a grid made up of millions of tiny dots, called \_\_\_\_\_.  
Answer: pixels  
Diff: 2 Type: SA  
Section Ref: Monitors
- 75) \_\_\_\_\_ technology is composed of computing devices or peripherals that use techniques, parts, and methods from an earlier time that are no longer popular.  
Answer: Legacy  
Diff: 3 Type: SA  
Section Ref: Monitors
- 76) \_\_\_\_\_ is a measure of the greatest amount of light showing when the monitor is displaying pure white.  
Answer: Brightness  
Diff: 3 Type: SA  
Section Ref: Monitors
- 77) \_\_\_\_\_ are devices used to display images from your computer on a separate viewing surface, such as a wall or movie screen.  
Answer: Projectors  
Diff: 2 Type: SA  
Section Ref: Monitors
- 78) A(n) \_\_\_\_\_ is a device that combines the functions of a printer, scanner, copier, and fax into one machine.  
Answer: all-in-one printer  
Diff: 2 Type: SA  
Section Ref: Printers

- 79) A printer's \_\_\_\_\_ is measured in dots per inch.  
Answer: resolution  
Diff: 2 Type: SA  
Section Ref: Printers
- 80) Today's internal hard drives can hold up to 3.5 \_\_\_\_\_ of data.  
Answer: terabytes  
Diff: 3 Type: SA  
Section Ref: Hard Drives
- 81) The \_\_\_\_\_, generally located in an internal drive bay, holds all permanently stored programs and data.  
Answer: hard drive  
Diff: 2 Type: SA  
Section Ref: Hard Drives
- 82) \_\_\_\_\_ drives, sometimes referred to as jump drives or thumb drives, are a newer alternative for storing portable data.  
Answer: Flash  
Diff: 1 Type: SA  
Section Ref: Flash Storage
- 83) A(n) \_\_\_\_\_ drive reads from, and possibly writes to, CDs, DVDs, or Blu-ray discs.  
Answer: optical  
Diff: 2 Type: SA  
Section Ref: Optical Storage
- 84) One factor in the processing speed of a computer is the number of processing paths, or \_\_\_\_\_, a processor has.  
Answer: cores  
Diff: 3 Type: SA  
Section Ref: Processing
- 85) If you do not have enough ports on your computer to meet your needs, you can install a(n) \_\_\_\_\_.  
Answer: expansion card  
Diff: 2 Type: SA  
Section Ref: Adding Ports: Expansion Cards and Hubs
- 86) If you do not have any open expansion slots on your motherboard, you can add a(n) \_\_\_\_\_ to provide new ports.  
Answer: expansion hub  
Diff: 3 Type: SA  
Section Ref: Adding Ports: Expansion Cards and Hubs
- 87) When ratified, the USB \_\_\_\_\_ standard will allow data transfer at 10 times the speed of the current USB standard.  
Answer: 3.0  
Diff: 2 Type: SA  
Section Ref: High-Speed and Data Transfer Ports
- 88) \_\_\_\_\_ is a power-saving mode that stores your data in memory and saves it to your computer's hard disk.  
Answer: Hibernate  
Diff: 2 Type: SA  
Section Ref: Power Controls

89) When a computer is in \_\_\_\_\_, all documents, applications, and data remain in RAM.

Answer: Sleep mode

Diff: 3 Type: SA

Section Ref: Power Controls

90) \_\_\_\_\_ is sometimes referred to as primary storage.

Answer: RAM

Diff: 3 Type: SA

Section Ref: Memory

91) \_\_\_\_\_ deals with such things as positioning your monitor and wrists correctly when working at the computer to prevent injury.

Answer: Ergonomics

Diff: 2 Type: SA

Section Ref: Setting It All Up

92) \_\_\_\_\_ are specially designed computers that can perform complex calculations extremely rapidly.

Answer: Supercomputers

Diff: 2 Type: SA

Section Ref: Your Computer's Hardware

93) \_\_\_\_\_ are specially designed computer chips that reside inside other devices, such as your car.

Answer: Embedded computers

Diff: 2 Type: SA

Section Ref: Your Computer's Hardware

94) \_\_\_\_\_ computers are often used in insurance companies, where many people are working on similar operations at once.

Answer: Mainframe

Diff: 2 Type: SA

Section Ref: Your Computer's Hardware

**TRUE/FALSE. Write 'T' if the statement is true and 'F' if the statement is false.**

95) The four main functions of a computer are inputting data, processing data, outputting the data or information, and communicating the data or information.

Answer: True  False

Diff: 3 Type: TF

Section Ref: Computers Are Data Processing Devices

96) One bit is equal to eight bytes.

Answer: True  False

Diff: 1 Type: TF

Section Ref: Bits and Bytes: The Language of Computers

97) The operating system provides the means for users to interact with a computer.

Answer:  True  False

Diff: 1 Type: TF

Section Ref: Bits and Bytes: The Language of Computers

98) When toggled off, the Insert key replaces or overwrites existing characters with new characters as you type.

Answer:  True  False

Diff: 2 Type: TF

Section Ref: Keyboards



- 99) An alternative to the QWERTY keyboard is the virtual keyboard.  
Answer: True  False  
Diff: 1 Type: TF  
Section Ref: Keyboards
- 100) Some keyboards allow you to program a series of tasks and associate that series of tasks with a specific keystroke.  
Answer:  True  False  
Diff: 3 Type: TF  
Section Ref: Keyboards
- 101) When performing data entry, you cannot use the numeric keypad on your keyboard to enter numeric values.  
Answer: True  False  
Diff: 1 Type: TF  
Section Ref: Keyboards
- 102) All function keys on all keyboards work the same in all programs.  
Answer: True  False  
Diff: 3 Type: TF  
Section Ref: Keyboards
- 103) The Windows key on a keyboard is specific to the Windows operating system.  
Answer:  True  False  
Diff: 3 Type: TF  
Section Ref: Keyboards
- 104) There are currently no keyboards specifically designed for gaming. However, there are some in development that are expected to be on the market soon.  
Answer: True  False  
Diff: 1 Type: TF  
Section Ref: Keyboards
- 105) On a keyboard, Num Lock and Caps Lock are both toggle keys.  
Answer:  True  False  
Diff: 1 Type: TF  
Section Ref: Keyboards
- 106) Thermal printers are specialty printers that melt wax-based ink onto ordinary paper or burn dots onto specially coated paper.  
Answer:  True  False  
Diff: 2 Type: TF  
Section Ref: Printers
- 107) Modern printers feature Bluetooth connectivity technology.  
Answer:  True  False  
Diff: 1 Type: TF  
Section Ref: Printers
- 108) Laser printers use essentially the same process for printing as inkjet printers do.  
Answer: True  False  
Diff: 2 Type: TF  
Section Ref: Printers

- 109) Not all printers that are suitable for desktop computers will work with notebook computers.  
Answer: True  False  
Diff: 1 Type: TF  
Section Ref: Printers
- 110) Digital cameras, camcorders, and webcams are common devices for capturing pictures and video and are all considered output devices.  
Answer: True  False  
Diff: 2 Type: TF  
Section Ref: Image Input
- 111) Restarting the computer while it's powered on is called a cold boot.  
Answer: True  False  
Diff: 2 Type: TF  
Section Ref: Power Controls
- 112) Speakers connect to the VGA port.  
Answer: True  False  
Diff: 3 Type: TF  
Section Ref: Processing and Memory on the Motherboard
- 113) An expansion hub allows you to provide new, external ports to your computer.  
Answer:  True  False  
Diff: 1 Type: TF  
Section Ref: Adding Ports: Expansion Cards and Hubs
- 114) The central processing unit controls all the functions performed by the computer's other components and processes all the commands issued to it by software instructions.  
Answer:  True  False  
Diff: 2 Type: TF  
Section Ref: Processing
- 115) Embedded computers have their own programming. They typically do not receive input from you, nor do they interact with other systems.  
Answer:  True  False  
Diff: 3 Type: TF  
Section Ref: Your Computer's Hardware
- 116) Mainframes are used in situations where complex models requiring intensive mathematical calculations are needed.  
Answer: True  False  
Diff: 2 Type: TF  
Section Ref: Your Computer's Hardware
- 117) The main difference between a mainframe and a supercomputer is the physical size.  
Answer: True  False  
Diff: 2 Type: TF  
Section Ref: Your Computer's Hardware
- 118) External hard drives are often used to back up data that is contained on the internal hard drive.  
Answer:  True  False  
Diff: 1 Type: TF  
Section Ref: Hard Drives

119) Bluetooth is the latest incarnation of optical storage to hit the market.

Answer: True  False

Diff: 2 Type: TF

Section Ref: Optical Storage

120) USB ports are causing serial and parallel ports to become legacy technology.

Answer:  True False

Diff: 2 Type: TF

Section Ref: High-Speed and Data Transfer Ports

121) When using Windows 7 power management tools, you really only need to shut down your computer when you need to repair the system, install hardware, or move the system.

Answer:  True False

Diff: 2 Type: TF

Section Ref: Power Controls

122) Serial ports and parallel ports have long been used to connect input and output devices to the computer.

Answer:  True False

Diff: 1 Type: TF

Section Ref: High-Speed and Data Transfer Ports

**MATCHING. Match the words or phrases with their meanings.**

123) Match the following terms to their meaning.

- |           |  |
|-----------|--|
| I. CPU    | A. type of technology used on flat-screen monitors                       |
| II. RAM   | B. standard keyboard layout  |
| III. ROM  | C. stores programs and data the computer is currently using              |
| IV. LCD   | D. processes all commands issued by software instructions                |
| V. QWERTY | E. holds instructions needed to start up when the computer is powered on |

Answer: D, C, E, A, B

Diff: 2 Type: SA

Section Ref: Multiple locations in the chapter

124) Match the following ports to what is plugged into them.

- |                   |                       |
|-------------------|-----------------------|
| I. VGA port       | A. flash drive        |
| II. parallel port | B. monitor            |
| III. serial port  | C. printer            |
| IV. Ethernet port | D. modem              |
| V. USB port       | E. DSL or cable modem |

Answer: B, C, D, E, A

Diff: 3 Type: SA

Section Ref: Multiple locations in the chapter

125) Match the following terms to their meaning.

- |                  |  |
|------------------|--|
| I. data          | A. representation of a fact, figure, or idea |
| II. processing   | B. data organized in a meaningful way        |
| III. information | C. parts of the computer you can touch       |
| IV. software     | D. turning data into information             |
| V. hardware      | E. computer programs                         |

Answer: A, D, B, E, C

Diff: 1 Type: SA

Section Ref: Multiple locations in the chapter

126) Match the following terms to their meaning.

- |               |                   |
|---------------|-------------------|
| I. byte       | A. million bytes  |
| II. megabyte  | B. thousand bytes |
| III. kilobyte | C. billion bytes  |
| IV. gigabyte  | D. 8 bits         |
| V. bit        | E. 0 or 1         |

Answer: D, A, B, C, E

Diff: 2 Type: SA

Section Ref: Multiple locations in the chapter

127) Match the following terms to their meaning.

- |                       |   |
|-----------------------|---|
| I. input device       | A. device used to enter data  |
| II. peripheral device | B. device that sends processed data   |
| III. output device    | C. contains the central electronic components of a computer   |
| IV. motherboard       | D. external device that exchanges data with the computer through ports                              |
| V. system unit        | E. the metal or plastic case that houses the power source and all the storage devices of a computer |

Answer: A, D, B, C, E

Diff: 2 Type: SA

Section Ref: Multiple locations in the chapter

128) Match the following terms to their meaning.

- |                 |   |
|-----------------|---|
| I. pixel        | A. measurement of printing speed                          |
| II. hertz       | B. unit of measure for processor speed                    |
| III. resolution | C. tiny dot that creates an image on the computer monitor |
| IV. ppm         | D. measurement of printer resolution                      |
| V. dpi          | E. the clearness or sharpness of an image                 |

Answer: C, B, E, A, D

Diff: 1 Type: SA

Section Ref: Multiple locations in the chapter

129) Match the following terms to their meaning.

- |                |   |
|----------------|---|
| I. modem port  | A. popular for connecting different types of input and output devices to the computer |
| II. audio port | B. an example of read-only storage  |
| III. CD-ROM    | C. used to connect headphones, microphones, and speakers                              |
| IV. USB        | D. fastest type of port available   |
| V. FireWire    | E. uses a traditional telephone signal  |

Answer: E, C, B, A, D

Diff: 2 Type: SA

Section Ref: Multiple locations in the chapter

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

- 52) Data
- 53) all-in-one
- 54) Information
- 55) processing
- 56) System
- 57) kilobyte
- 58) binary
- 59) Eight
- 60) megabyte
- 61) gigabyte
- 62) Application
- 63) Peripheral
- 64) notebook
- 65) system unit
- 66) QWERTY
- 67) Tablet PCs
- 68) trackball
- 69) touch pad
- 70) magnifier
- 71) Webcams
- 72) speech-recognition
- 73) Omnidirectional
- 74) pixels
- 75) Legacy
- 76) Brightness
- 77) Projectors
- 78) all-in-one printer
- 79) resolution
- 80) terabytes
- 81) hard drive
- 82) Flash
- 83) optical
- 84) cores
- 85) expansion card
- 86) expansion hub
- 87) 3.0
- 88) Hibernate
- 89) Sleep mode
- 90) RAM
- 91) Ergonomics
- 92) Supercomputers
- 93) Embedded computers
- 94) Mainframe
- 95) FALSE
- 96) FALSE
- 97) TRUE
- 98) TRUE
- 99) FALSE
- 100) TRUE
- 101) FALSE
- 102) FALSE
- 103) TRUE

- 104) FALSE
- 105) TRUE
- 106) TRUE
- 107) TRUE
- 108) FALSE
- 109) FALSE
- 110) FALSE
- 111) FALSE
- 112) FALSE
- 113) TRUE
- 114) TRUE
- 115) TRUE
- 116) FALSE
- 117) FALSE
- 118) TRUE
- 119) FALSE
- 120) TRUE
- 121) TRUE
- 122) TRUE
- 123) D, C, E, A, B
- 124) B, C, D, E, A
- 125) A, D, B, E, C
- 126) D, A, B, C, E
- 127) A, D, B, C, E
- 128) C, B, E, A, D
- 129) E, C, B, A, D