# **Chapter 2 Quiz**

**Multiple Choice**

**1.** What is a terabyte?

a. one million bytes

b. one trillion bytes

c. one billion bits

d. one trillion bits

**2.** Which of the following is not an input device?

a. a touch-screen monitor

b. an optical mouse

c. a keyboard

d. a laser printer

**3.** Monitor screens are made up of millions of tiny dots known as

a. bytes.

b. resolution points.

c. pixels.

d. bits.

**4.** Which of these is NOT located on the motherboard?

a. CPU

c. ROM

b. RAM

d. DVD drive

**5.** Which of these is NOT an optical storage device?

a. flash drive

b. CD drive

c. DVD drive

d. Blu-ray drive

**6.** Ergonomics is an important consideration

a. only for desktop computers.

b. only for laptop computers.

c. only for laptop and desktop computers, but never for mobile devices.

d. for all computing devices.

**True–False**

\_\_\_\_\_ 1. Data and information are NOT interchangeable terms. (true)

\_\_\_\_\_ 2. The operating system is a type of application software. (false)

\_\_\_\_\_ 3. The Ethernet port is an example of a connectivity port. (true)

\_\_\_\_\_ 4. A typical CPU can complete billions of machine cycles in one second. (true)

**Critical Thinking**

**1. Computers of the Future**

Embedded computers keep turning up in new places. They can be found in cars, household appliances, smoke detectors, and thermostats too, enabling us to interact with even more of these “smart” devices every day. What common objects do you think might benefit from an embedded computer? What capabilities can you envision?

**2. New Display Features**

The display screen of the future may be paper-thin, flexible, and transparent. Companies like Samsung and LG are already working on it. What uses can you envision for this new technology? What advantages and disadvantages do you foresee? Do you have any suggestions for the manufacturers to help make this successful?