CHAPTER 3 QUIZ: TECHNICAL CONSIDERATIONS

1. Due to the ability to remove, replace, and upgrade individual components and parts, purchasing a laptop instead of a desktop computer protects you from obsolescence.

   a. True

   b. False

   Answer: b. False.

   Laptops are great for portability, but their size and design can limit your options for upgrading. A broken part may necessitate replacing the entire laptop. If obsolescence is an important consideration, a desktop computer may be a better choice.

2. Which of the following is *not* an example of computer hardware?

   a. Keyboard

   b. Mouse

   c. Firewall

   d. Printer

   Answer: c. Firewall.

   A firewall is a type of software that protects your network from unauthorized entry, allowing only the users you designate to access the network (and your computer) over the Internet.

3. A set of computer programs that manage the hardware and software resources of a computer is known as an:

   a. Operating system

   b. Internet

   c. Hardware

   d. Software

   Answer: a. Operating system.

   A set of computer programs that manage the hardware and software resources of a computer is known as an operating system.

4. Which of the following is an example of a computer operating system?

   a. Microsoft Windows XP

   b. Microsoft Vista

   c. Macintosh OS X

   d. All of the above

   Answer: a. All of the above.

   Microsoft Windows XP, Microsoft Vista, and Macintosh OS X are all examples of computer operating systems.

5. Most personal computers have a way of transforming the code to pictures, such as the "windows" in Windows XP. This is known as a:

   a. Computer chip

b. Graphical user interface

c. Software

d. Hardware

Answer: b. Graphical user interface.

Most personal computers have a graphical user interface (GUI), like the "windows" in Windows XP. When you double-click an icon or use the file menu to open a program, that system of 0's and 1's is working behind the scenes to fulfill your request.

6. Which of the following is *not* a type of Internet connection?

a. Dial-up

b. DSL

c. USB

d. Broadband

Answer: c. USB.

USB cables are often necessary to connect your computer to the Internet via a router, but they are not themselves a type of connection. Types of Internet connections include dial-up, DSL, broadband, and wireless.

7. Programs like Internet Explorer, Netscape, and Safari display text, images, and other information on a Web page at a Web site on the Internet. These programs are known as:

a. Blogs

b. Browsers

c. Newsgroups

d. Search engines

Answer: b. Browsers.

A Web browser is a program that displays text, images, and other information on a Web page at a Web site on the Internet. Some of the Web browsers available for personal computers include Internet Explorer, Firefox, Safari, Netscape, Opera, and Mozilla.

8. It is not necessary to save the file you are working on until it is finished.

a. True

b. False

Answer: b. False.

Save your files early and often to avoid losing data in the event of a power outage, computer crash, or other sudden disruption.

9. You should not download e-mail attachments or other files on the Internet if you are unfamiliar with the sender, author, or file format.

a. True

b. False

Answer: a. True.

To avoid inadvertently causing damage to your computer system and the systems of the people with whom you interact, you shouldn't download e-mail attachments or other files on the Internet if you are unfamiliar with the sender, author, or file format.

10. Creating a good ergonomic working arrangement is an important part of protecting your health. As you set up your home classroom, you should ask yourself which of the following questions?

    a. Who will be using the computer?

    b. How is the light?

    c. How is your posture?

    d. All of the above.

    Answer: d. All of the above.

    Creating a good ergonomic working arrangement is an important part of protecting your health. As you set up your home classroom, ask yourself who will be using the computer, how is the light, how is your posture, and other considerations about the user and the environment.