TRUE/FALSE

Determine whether each of the following statement is True /False. Correct the statement if it is false.

1. Many people believe that computer literacy is vital to success in today’s world.  TRUE
2. Hardware consists of a series of instructions that tells the computer what actions to perform and how to perform them. SOFTWARE
3. The circuitry of the system unit usually is part of or is connected to a circuit board called the server. motherboard
4. Green computing involves reducing the electricity consumed and environmental waste generated when using a computer. true
5. The client controls access to the resources on a network. the server control
6. Web pages rarely have built-in connections, or links, to other documents, graphics, other Web pages, or Web sites. OFTEN HAVE BUILT
7. A video sharing community is a type of social networking Web site that allows users to store and share their personal videos. TRUE
8. A text message is a short note, typically fewer than 300 characters, sent to or from a smart phone or other mobile device. TRUE
9. because embedded computers are components in larger products, they usually are small and have limited hardware. TRUE
10. Telecommuting is a work arrangement in which employees work away from a company's standard workplace and often communicate with the office through the computer. TRUE
11. With online investing, the transaction fee for each trade usually is much more than when trading through a broker. MUCH LESS than

Multiple Choice Select the best answer.

1. Computer literacy, also known as digital literacy, involves having a current knowledge and understanding of ______.
   a. computer programming  b. computers and their uses
   c. computer repair  d. all of the above
2. ______ is/are a collection of unprocessed items, which can include text, numbers, images, audio, and video.
   a. Data  b. Instructions  c. Programs  d. Information
3. A ______ is a specific type of social networking Web site that allows users to create an online photo album and store and share their digital photos.
   a. vodcast  b. blog  c. photo sharing community  d. chat room
4. A ______ is recorded audio stored on a Web site that can be downloaded to a computer or portable media player.
   a. podcast  b. social networking Web site  c. blog  d. speaker
5. ______ consists of the programs that control or maintain the operations of the computer and its devices.
   a. System software  b. communications device
   c. A graphical user interface (GUI)  d. Application software
6. A(n) _____ message is a real-time Internet communication, where you exchange messages with other connected users.
   a. text   b. instant  c. picture  d. video

7. Many large companies use the word(s), _____, to refer to the huge network of
   a. information technology  b. enterprise computing
   c. telecommuting  d. multimedia

8. _____ is a system that attempts to imitate the behavior of the human brain.

9. Millions of people worldwide join online communities, each called ______, that encourage members to share their interests, ideas, stories, photos, music, and videos with other registered users.
   a. a podcast  b. enterprise computing  c. a social networking Web site or online social network  d. a blog

10. Two types of ________ are desktop computers and notebook computers.
    a. servers  b. supercomputers  c. mainframe computers  d. personal computers

11. The popular types of ________ are smart phones, PDAs, handheld computers, portable media players, and digital cameras.
    a. mobile devices  b. notebook computers  c. desktop computers  d. tower computers

Matching - match the terms with their definitions:

- 1. Information processing cycle
- 2. Processor
- 3. Storage device
- 4. Portable media player
- 5. Digital camera
- 6. Online social network
- 7. Application software
- 8. Install
- 9. execute
- 10. Multimedia
- 11. Neural network

[3] records (writes) and/or retrieves (reads) items to and from storage media
[4] mobile device on which you can store, organize, and play digital media
[2] electronic component that interprets and carries out the basic instructions for the computer
[1] series of input, process, output, and storage activities
[5] device that allows users to take pictures and store the photographed images digitally, instead of on traditional film
[9] carry out the instructions in a computer program
[10] combines text, graphics, audio, animation and video into one application
[7] programs designed to make users more productive and/or assist them with personal tasks
[6] online community that encourages members to share their interests, ideas, stories, photos, music, and videos with other registered users
[8] Set up software to work with a computer and other hardware components
Fill in the spaces in the following:
1. The **World Wide Web** refers to the part of the Internet that stores information in multimedia form.
2. Personal computers, which may be **desktop PCs**, and **tower PCs** refer to the two types of microcomputer. One sits on the desktop and the other usually is placed on the floor.
3. **Communication** technology merges computing with high-speed communications lines carrying data, sound, and video.
4. **A computer** is a programmable, multiuse machine that accepts data and processes it into information.
5. Messages transmitted over a computer network are called **email**.
6. The **Internet** is a worldwide network that connects hundreds of thousands of smaller networks.
7. **Multimedia** refers to technology that presents information in more than one medium.
8. Embedded computers, or **microcontroller**, are installed in “smart” appliances and automobiles.
9. The kind of software that enables users to perform specific tasks is called **application** software.

**Short Answer** Write a brief answer to each of the following questions.
1. What does **online** mean?
2. What is the difference between system software and application software?
3. What is the difference between software and hardware?
4. Briefly describe what a local area network is.

**Solutions:**

1- **online**: Using a computer or other information device, connected through a network, to access information and services from another computer or information device.

2- **Software** is of two types. **System software** helps the computer perform essential operating tasks. **Application software** performs specific tasks, such as word processing **spreadsheet**, **database**.

3- **Hardware** consists of machine and equipment: **Hardware runs under the control of software and is useless without it**.

**software** called **programs**; **step-by-step instructions that tell the hardware what to do**.

4- a **local area network (LAN)**, which links equipment in an office or building. (5) **Micr**