Computer Components

1. A(n) ____ is a device that connects to the system unit and is controlled by the processor in the computer.
   a. expansion card
   b. peripheral
   c. connection card
   d. chip card

2. The processor interprets and executes a program's instructions while the program is in ____.
   a. flash memory
   b. ROM
   c. CMOS
   d. RAM

3. You should clean your computer ____ to help extend its life.
   a. every day
   b. every month
   c. once or twice a year
   d. every two years

4. Most high-performance PCs today use a processor in the Intel ____ family.
   a. Pentium
   b. Itanium
   c. Core
   d. Xeon

5. A processor contains small, high-speed storage locations, called ____ that temporarily hold data and instructions.
   a. registers
   b. boards
   c. control units
6. The ____ is an expansion bus that expands on and doubles the speed of the original PCI bus.

   a. FireWire bus
   b. PCI Express bus
   c. PC Card bus
   d. Accelerated Graphics Port (AGP) bus

7. A special type of serial port that connects the system unit to a musical instrument, such as an electronic keyboard, is called a(n) ____ port.

   a. SCSI
   b. USB
   c. IrDA
   d. MIDI

8. Each byte resides temporarily in a location in memory that has a(n) ____.

   a. address
   b. port
   c. slot
   d. pipe

9. The most widely used coding system to represent data is the ____ scheme.

   a. Extended Binary Coded Decimal Interchange Code (EBCDIC)
   b. American Standard Code for Information Interchange (ASCII)
   c. Unicode
   d. Infrared Data Association (IrDA)
10. ____ generated by the body's natural heat may supplement battery power for your notebook computer, according to engineers working in the field of electronic power sources.

a. Electrical power  
b. Blu ray energy  
c. Nano technology  
d. Laser power

11. ____ cache usually has a very small capacity, ranging from 8 KB to 128 KB.

a. L1  
b. L2  
c. L3  
d. L4

12. The motherboard is sometimes called the ____.

a. system board  
b. integrated circuit  
c. transistor  
d. central processing unit (CPU)

13. Generally, home users running Windows Vista and using basic application software such as word processing should have at least ____ of RAM.

a. 256 MB  
b. 512 MB  
c. 1 GB  
d. 2 GB

14. ____ headsets allow smart phone users to connect their phone to a headset wirelessly.

a. Bluetooth  
b. SCSI  
c. FireWire  
d. MIDI
15. A(n) ____, which can be used as a removable flash memory device, adds memory, communications, multimedia, and security capabilities to computers.
   a. accelerator card
   b. ExpressCard module
   c. PC Card
   d. modem card

16. A(n) ____ can act as an electronic switch that opens or closes the circuit for electrical charges.
   a. adapter card
   b. port
   c. transistor
   d. expansion slot

17. One type of processor, called ____, integrates the functions of a processor, memory, and a video card on a single chip.
   a. microprocessor
   b. power processor
   c. system on a chip
   d. multimedia processor

18. The system unit on an Ultra-Mobile PC, a smart phone, and a ____ usually consumes the entire device.
   a. notebook computer
   b. desktop computer
   c. PDA
   d. workstation
20. Some computer professionals measure a processor's speed according to the number of ____ it can process.

a. HIPS (hundreds of instructions per second)
b. MIPS (millions of instructions per second)
c. TIPS (thousands of instructions per second)
d. BIPS (billions of instructions per second)