

ELEC 88.81 Test1 Fall 2011 Chapters 1&2 and Binary, Hex and Decimal Numbers**Multiple Choice**

Identify the choice that best completes the statement or answers the question.

- ____ 1. In the world of computers, the term ____ refers to the computer's physical components, such as the monitor, keyboard, motherboard, and hard drive.
- | | |
|---------------|-----------------|
| a. software | c. architecture |
| b. middleware | d. hardware |
- ____ 2. The term ____ refers to the set of instructions that directs the hardware to accomplish a task.
- | | |
|-------------|---------------|
| a. software | c. middleware |
| b. hardware | d. stack |
- ____ 3. A 1 or 0 in this system is called a ____.
- | | |
|---------|----------|
| a. byte | c. datum |
| b. word | d. bit |
- ____ 4. Most input/output devices communicate with components inside the computer case through a wireless connection or through cables attached to the case at a connection called a(n) ____.
- | | |
|---------|--------------|
| a. port | c. interface |
| b. slot | d. socket |
- ____ 5. A device that is not installed directly on the motherboard is called a(n) ____ device.
- | | |
|---------------|---------------|
| a. standard | c. extraneous |
| b. peripheral | d. perimeter |
- ____ 6. A ____ bus port can be used by many different input/output devices, such as keyboards, printers, scanners, and digital cameras.
- | | |
|---------------------|------------------------|
| a. unified serial | c. universal serial |
| b. universal static | d. universal standards |
- ____ 7. Primary storage is provided by devices called memory or ____ located on the motherboard and on some adapter cards.
- | | |
|---------|----------|
| a. ROM | c. Flash |
| b. BIOS | d. RAM |
- ____ 8. Most ____ drives consist of a sealed case containing platters or disks that rotate at a high speed.
- | | |
|------------|----------------|
| a. optical | c. flash |
| b. hard | d. solid state |
- ____ 9. A(n) ____ drive is considered standard equipment on most computer systems today because most software is distributed on CDs or DVDs.
- | | |
|-----------|------------|
| a. floppy | c. optical |
| b. flash | d. hard |
- ____ 10. The ____ or system timer is dedicated to timing the activities of the chips on the motherboard.
- | | |
|---------------|----------------------|
| a. randomizer | c. system clock |
| b. ALU | d. interrupt manager |

- _____ 11. Everything in a computer is _____.
a. decimal
b. binary
c. hexadecimal
d. integers
- _____ 12. The _____ card, also called a graphics card, provides one or more ports for a monitor.
a. video
b. interface
c. input
d. output
- _____ 13. Data and instructions are stored on special ROM (read-only memory) chips on the board and are called the _____.
a. flash
b. microcode
c. BIOS
d. Symbols
- _____ 14. In 1986, _____ was introduced and quickly became the most popular OS among IBM computers and IBM-compatible computers using the Intel 8086 processors.
a. MS-DOS
b. Windows
c. OS/2
d. CP/M
- _____ 15. A _____ interface is an interface that uses graphics as compared to a command-driven interface.
a. text
b. menu-based
c. common user
d. graphical user
- _____ 16. Vista has a new 3D user interface called the _____ user interface.
a. Glass
b. Aero
c. Air
d. Shield
- _____ 17. A(n) _____ is a low-end inexpensive laptop with a small 9- or 10-inch screen and no optical drive.
a. nettop
b. netbook
c. Internet station
d. ultralite
- _____ 18. A(n) _____ is the portion of an OS that relates to the user and to applications.
a. hypervisor
b. interpreter
c. GUI
d. shell
- _____ 19. The OS _____ is responsible for interacting with hardware.
a. kernel
b. abstraction layer
c. driver layer
d. ring
- _____ 20. The _____ interface between the subsystems in user mode and the HAL.
a. application
b. executive services
c. primitive
d. non-privileged services
- _____ 21. _____ are small programs stored on the hard drive that tell the computer how to communicate with a specific hardware device such as a printer, network card, or modem.
a. Abstraction layer
b. Device drivers
c. BIOS
d. Input routines
- _____ 22. The _____ is normally located at the bottom of the Windows desktop, displaying information about open programs and providing quick access to others.
a. taskbar
b. Windows button
c. menu bar
d. task ribbon

- _____ 23. The _____ is usually on the right side of the taskbar and displays open services.
- a. status tray
 - b. display area
 - c. system tray
 - d. identification area
- _____ 24. Windows offers two ways to sync files: _____.
- a. Briefcase and Offline Files
 - b. Network Neighborhood and Offline Files
 - c. Synchronization Tasks and Online Files
 - d. Briefcase and Synchronization layer
- _____ 25. From the _____ window, you can change the read-only, hidden, archive, and indexing attributes of the file.
- a. Open
 - b. Attributes
 - c. Status
 - d. Properties
- _____ 26. A(n) _____ is a list of items that is used to speed up a search.
- a. database
 - b. index
 - c. shortcut
 - d. block
- _____ 27. An applet has a _____ file extension.
- a. .ctl
 - b. .crl
 - c. .cpl
 - d. .app
- _____ 28. Convert the decimal number 100 to its binary equivalent. Select the correct answer.
- a. 1010 0001
 - b. 1100 1000
 - c. 0110 0100
 - d. 1000 1010
- _____ 29. Convert the binary number 1000 0111 to its decimal equivalent. Select the correct answer.
- a. 11
 - b. 17
 - c. 135
 - d. 131
- _____ 30. Convert the hexadecimal number B7 to its binary equivalent. Select the correct answer.
- a. 1100 1011
 - b. 1010 0111
 - c. 1111 0000
 - d. 1011 0111

Completion

Complete each statement.

31. A(n) _____ is a circuit board that holds microchips, or integrated circuits (ICs), and the circuitry that connects these chips.
32. RAM memory is called _____ because it is temporary in nature.
33. Microsoft did not make a commitment for Windows 2000 to be _____-compatible with older software and hardware.
34. _____ are generally used for Web browsing, e-mail, and word processing by users on the go.

Name: _____

ID: A

Matching

Match each term with the correct statement below.

- | | |
|----------------------|--------------------|
| a. Briefcase | f. Parent folder |
| b. Virtual machine | g. Legacy |
| c. Desktop | h. File attributes |
| d. Service pack | i. Patches |
| e. Compressed folder | |

- ___ 35. A major update or fix to an OS occasionally released by Microsoft
- ___ 36. Older hardware and software
- ___ 37. An environment created by software that works as though it is a standalone computer system
- ___ 38. Contains the child folder
- ___ 39. Creates a folder that can be used to sync up files in this folder with its corresponding folder on another computer
- ___ 40. Properties assigned to a file