
STUDY GUIDE

Name: _____ Date: _____

CHAPTER 5: Operating Systems

I. The Operating System

When working with multimedia, the operating system is perhaps the most _____, most _____, and the least _____ software that your computer uses.

II. The Four Layers of a Computer

Your computer is a system of four interdependent layers:

- A. _____
- B. _____
- C. _____
- D. _____

III. What do the four layers do?

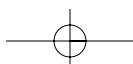
- A. _____ activates the BIOS.
- B. BIOS (basic input/output system) starts the _____.
- C. The operating system loads drivers, networking services, and application software into the computer's _____.
- D. _____ allows you to create your multimedia project.

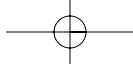
IV. What are programming languages?

Programming languages provide instructions to _____.

V. Types of Programming Languages

- A. _____: the only language a computer's CPU can read
- B. _____: a programming language that the CPU can quickly encode to machine language
- C. _____: programming languages that computers can interpret quickly but are not like human language

continued ➤➤



STUDY GUIDE

Name: _____ Date: _____

CHAPTER 5
VI. _____ programming languages

A. Are programming languages that resemble human language.

B. Need _____ to convert high-level languages to machine language.

C. Examples: _____

VII. Graphical User Interface (GUI)

A. _____

1. Was created in 1986.

2. Is the most often used PC operating system.

3. Runs a huge number of applications.

B. _____

1. Was derived from the first PCs to use GUI.

2. Is preferred by many designers and multimedia producers.

3. Runs applications that are often not compatible with Windows.

VIII. PDA Operating Systems

The two most popular PDA operating systems are:

A. _____

B. _____

IX. Network Operating Systems

Network operating systems are designed to _____

X. Types of Network OS

Network operating systems include:

A. _____: designed to work with many kinds of computers

B. _____ a version of UNIX distributed for free

C. _____: for networks by Apple

D. _____: Microsoft's network OS

E. _____: Web server software distributed for free
