

Multimedia Lab Questions

Name _____ Period _____ Date _____

As you step through the Interactive Lab, answer the following questions.

1. Multimedia is a program that combines:

- | | |
|----------|----------|
| a. _____ | b. _____ |
| c. _____ | d. _____ |
| e. _____ | |

2. The distinguishing features of multimedia are the _____.

- a. combination of text, and audio
- b. combination of text, graphics, and audio
- c. combination of media elements and the interactivity by the user
- d. combination of graphics, audio, and video

3. A sound card is a circuit board that houses processors which provide both audio input and output.

- a. True b. False

4. Audio is sound that has been _____ and stored for replay.

5. A graphic is a _____ image that can be displayed by a computer.

6. Graphics used in Multimedia range from simple, _____
drawings, to intricate, _____, three-dimensional images.

7. The two dimensions of 2-D graphics are _____ and _____.

8. 3-D graphics have the added dimension of _____.

9. Video is pictures that are displayed at rates of up to _____.
- a. 15 frames per second
 - b. 20 frames per second
 - c. 25 frames per second
 - d. 30 frames per second
10. Video is a powerful communication media that can illustrate concepts or show _____.
11. Converting video from analog to digital _____.
- a. allows your computer to use the video file
 - b. makes a video file quickly accessible
 - c. makes a video file easily managed
 - d. reduces the size of the file
12. Reducing and expanding the size of a video file is called compression and decompression.
- a. True
 - b. False
13. _____ refers to the movement of graphics on the screen.
14. List the three types of animation:
- a. _____
 - b. _____
 - c. _____
15. 3-D animations provide the added dimension of _____.
16. Virtual reality uses computer-generated 3-D animations to simulate whole, _____.

17. _____ made the development and delivery of powerful multimedia applications possible and practical.

18. List some of the hardware components that are part of the MPC standard:

a. _____

b. _____

c. _____

d. _____

19. List the MPC3 (Multimedia Personal Computer) minimum requirements for each of the following:

? CPU _____

b. RAM _____

? CD-ROM _____

? Hard disk storage capacity _____

20. Multimedia is used for:

a. _____

b. _____

c. _____

d. _____

21. Computer Based Training (CBT) is used to:

a. _____

b. _____

22. _____ allows you to design screens that integrate the various media elements and respond to user input.