

Literacy Assignment # 2 Computer Hardware – Peripheral Devices

Student Name:
Class Section:
Date Submitted:

Some of the devices listed in this chapter were new in 1997. Now we use many of them regularly. Read through pages 17 – 30 and answer the questions below.

1. What is meant by *ergonomics*? (p. 18)
 2. List 10 examples of common *input devices*.
 3. Where does the name for the QWERTY keyboard come from?
 4. What is strange about the reason for its original invention?
 5. What is a *macro*? (p. 19)
- ** Read The Future of Computing (p. 19). A) Speech simulation and recognition software have come a long way since this book was written in 1997. We have some of these programs in the resource room. B) We are now using flat-panel monitors in the computer lab. They weren't even developed in 1997.
6. Touchpads were new in 1997. You have probably used them on laptops these days, though. Who might find it easier to use a touchpad or trackball than a mouse? (p. 20)
 7. What is the difference between a *flatbed scanner* and a *drum scanner*? (p. 21)

8. How does scanning in colour work? (p. 22)

9. What are the colours used in the four-colour printing process?

10. What does UPC stand for and how does a bar code reader work?

11. What is the main limitation of *voice-activated systems*? (p. 23)

12. Where is *voice recognition* software used a great deal, though?

13. List 5 examples of *output devices*.

14. What does the *term pixel stand for*?

15. What is the advantage of having *higher resolution* on a computer screen?

16. What is the difference between a CRT and an LCD display? (p. 24)

17. What happens if the *refresh rate* of a monitor is slow?

18. How is *print quality* measured?

19. How can a computer handle the different technologies of different printers? (p. 25)

20. Where would an older-style *dot-matrix* printer still be useful today?

21. How does a *laser printer* work?

22. How are printers commonly rated?

23. What is a *plotter* used for? (p. 26)

24. How does a *modem* work? (p. 27)

25. What is a *port*?

26. What are *expansion cards* used for? (p. 29)