Benjamin Houlton chapter 21

List the six steps used by a laser printer to print a page. Step 1: Cleaning, Step 2: Conditioning Step, 3: Writing, Step 4: Developing, Step 5: Transferring, Step 6: Fusing

Which document exhibits better quality, one printer with 600 dpi or one printer with 1200 dpi? Why? 1200 dpi has more dots to make a higher definition

What type port will a desktop scanner most likely use? USB port

What two types of scanning technologies does a scanner use? CCD- charge-coupled device (higher quality) and 2) CIS- (lower quality)

What are two possible settings in CMOS for parallel port mode? Unidirectional mode or bidirectional mode. If using more modern standard ieee-1284, EPP or ECP Also, ECP & EPP

During the laser printing process, what determines when the toner sticks to the drum and when it does not stick to the drum? Laser printers work by placing toner on an electrically charged rotating drum and then depositing the toner on paper as the paper moves through the system at the same speed as the drum is turning. The negatively charged toner is more negative than the -100 V charge on the drum surface but less negative than the -600 V. The toner is attracted to the -100 V area of the drum because the -100 is more positive than the toner is; the toner is repelled from the -600 V part of the drum because it is more negative than the toner is.

Why is it less expensive to maintain an inkjet printer that has a black cartridge than one that does not? Because an inkjet printer that does not use a black ink cartridge uses the more expensive color cartridge to produce a dull black.

What technology makes an inkjet printer a photo-quality printer? Photo-quality paper, also PhotoREt II color technology. It is an improved technology that mixes different colors of ink to produce a new color that then makes a single dot

What should you do if an inkjet printer prints with missing dots or lines on the page? First, reboot your computer and printer. Then, print a test page in Notepad (programs>accessories>Notepad)--type some information on it first. If it prints okay,   
then it has to do with your software or fonts being corrupted. Run the repair program on the CD for your system and see if that helps.   
Next check the ink cartridge. Your printer may have a "cleaning routine", if so run it. Or just replace the cartridge

What can you do to help a dot-matrix printer last longer? Keep the print head as cool as possible.

List two possible ways to improve printing speed? Decrease the resolution, and add more memory to printer/computer

When a laser printer is short on memory, what is a possible symptom of this problem? Printing is slow

What two Windows components are used to share resources on a network and access those shared resources? File and Printer Sharing & Client for Microsoft Networks

How do you share a local printer with others in the workgroup? Open the printers and Faxes window or Printers Window. Right-click the printer you want to share, and select Sharing from the shortcut menu. The printer's Properties dialog box opens; the dialog box in Windows 2000 is similar. Select Share this printer and enter a name for the printer.

What are two ways to install a printer that is being shared by another computer on the network? Install the printer drivers from a CD or install the printer drivers from the host PC

What company developed postscript? PCI? Hewlett-Packard but is considered a de facto standard, Post Script was developed by Adobe and HP developed PCL.

When you are isolating a printer problem, what are four major possible sources of the problem? Problems with the Printer itself, Problems with a local printer cable or port, Problems with connectivity for a network printer, Problems Printing from Windows

How can you eliminate the printer as a source of the printer problem? Check that the printer is on, and then print a test page. If the test page does not print or prints incorrectly, troubleshoot the printer until it prints correctly.

How can you be sure that a printer cable is not the source of a printer problem? Use the same type of cable that it is currently used to test it, Or any of the others

Why is it important not to remove ink cartridges from an inkjet printer and leave the cartridges outside the printer for an extended period of time? To prevent the Inkjet nozzle from drying out.

**Thinking critically**

A windows XP computer has a locally installed printer that you must make available to eight other windows XP computer on the network. What is the best way to do this? D.

You are not able to print a word document on a windows XP computer to a network printer. The network printer is connected directly to the network, but when you look at the printer and faxes window, you see the name of the printer a [\\SMITHWIN2K\HP LaserJet 8100](file:///\\SMITHWIN2K\HP%20laserjet%208100). In the following list, select the possible sources to solve the problem

a, b, and d