

Computer Repairs Course

Power Supply, Display Devices Quiz

Fill in the Blank space with the correct **Term**.

1. A power supply converts 110 volt or 220 volt AC current into the _____ voltages that a computer needs to operate.
2. The five voltages provides by the power supply are: _____, _____, _____, _____, and _____.
3. Classic power supplies connected to the AT motherboards using the _____ and _____.
4. Floppy drive power connectors are most commonly used to power floppy disk drives and other small form factor devices. These connectors are also called _____.
5. The standard peripheral power connector is generally used to power different types of internal disk drives. This type of connector is also called a _____.
6. With ATX motherboards came a new, single connector from the power supply. These additional connectors follow the _____ and _____ Standard.
7. For servers and more advanced ATX motherboards that include PCIe slots, the 20-pin system connector proved inadequate. This led to the _____ 2.0 Standard and the even higher-end _____ standard for servers.
8. The _____ power connector is made up of three each of +3.3V, +5V, and +12V leads, as well as five ground leads.
9. There are mainly two types of computer displays in use today: the (CRT) _____ and the (LCD) _____.
10. The primary differences in display devices are in the type of video adapter you are using _____ or _____ and the type of display CRT or LCD.
11. Resolution depends on how many picture elements (_____) are used to draw the screen. For the same display device, more _____ yield a sharper image.

12. Explain what is meant by the following Video Display Adapter TERMS:

- HGC - _____
- EGA - _____
- CGA - _____
- VGA - _____
- XGA - _____
- SVGA - _____
- UXGA - _____
- WXGA - _____
- QXGA - _____
- WHUXGA - _____

13. For Video Gamers and high-performance Junkies the computer industry responded with like additional video technologies _____ and _____.

14. In an effort to return to digital video, which can be transmitted farther and at higher quality than analog, a series of connectors known collectively as the _____.

15. _____ is an all-digital technology that advances the work of DVI to include higher resolution.

16. _____ is a component video technology that combines the two chrominance signals into one, resulting in video quality not quite as high as that of true component video.

17. A device called an electron gun shoots electrons toward the back side of the monitor screen. The back of the screen is coated with special chemicals called _____.

18. The distance between two dots of the same colour on the monitor is called the _____.

19. _____ specifies how many times in one second the scanning beam of electrons re-draws the screen.

20. The two major types of LCD displays used today are: _____ and _____.