**Write Short notes about**

1. CRT
2. LED
3. LCD
4. Resolution
5. Degauss
6. VGA

**Choose the correct Answer**

**1.** Which of the following would be the best choice as a personal display technology if a user  
wants to save desk space and not have to deal with interference from nearby speakers?  
**A.** CRT  
**B.** HDMI  
**C.** LCD  
**D.** Projector  
**2.** An associate is trying to explain why a particular model of CRT monitor displays images  
in such high quality but is unable to recall a specific term. The associate mentions that each  
phosphor is on average only 0.25mm away from the nearest phosphor of the same color.  
What is the associate trying to describe?  
**A.** Resolution  
**B.** Dot pitch  
**C.** Refresh rate  
**D.** The number of dots per inch  
**3.** Which of the following is true regarding a monitor’s refresh rate?  
**A.** As long as the graphics adapter can refresh the image at a particular rate, the attached  
monitor can accommodate that refresh rate.  
**B.** The refresh rate is normally expressed in MHz.  
**C.** The refresh rate is normally selected by using the controls on the front panel of the  
monitor.  
**D.** As you lower the resolution, the maximum refresh rate allowed tends to increase.  
**4.** Which statement about LCDs is most accurate?  
**A.** The concept of refresh rate has no meaning with regard to LCDs.  
**B.** LCDs are preferred to CRTs because they can display a larger range of resolutions.  
**C.** LCDs tend not to be as clear as CRTs.  
**D.** LCDs require more power than CRTs.  
**5.** If you are unable to display a given resolution on a monitor, which of the following might  
explain why?  
**A.** The graphics adapter does not have enough memory installed.  
**B.** The video display unit does not have enough memory installed.  
**C.** You are using a CRT with a single fixed resolution.  
**D.** You have the refresh rate set too high.  
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**6.** Which video technology has a resolution of 1280n1024?  
**A.** SVGA  
**B.** SXGA  
**C.** WSXGA  
**D.** UXGA  
**7.** What does a *Q* in video resolution names, such as QXGA, refer to?  
**A.** Both the horizontal and vertical components of the resolution have been quadrupled.  
**B.** The resolution is cut to one-fourth.  
**C.** The technology is faster.  
**D.** Both the horizontal and vertical components of the resolution have been doubled.  
**8.** What is contrast ratio?  
**A.** The ratio of luminance between the darkest and lightest colors that can be displayed  
**B.** A term that was used with CRTs but has no meaning with LCDs  
**C.** The ratio of luminance between two adjacent pixels  
**D.** Something that can be corrected through degaussing  
**9.** Which of the following display types physically creates the image displayed in a manner  
most similar to OLED displays?  
**A.** CRT  
**B.** LED  
**C.** LCD  
**D.** Plasma  
**10.** When approaching an older LCD panel from the side, you don’t realize there is actually an  
image displayed on it until you are almost in front of it. Which two options might explain  
why you could not detect the image from the side? (Choose two.)  
**A.** Older LCDs were equipped with a motion sensor.  
**B.** Multiple monitors are in use, and the LCD is the secondary monitor, resulting in its  
poor oblique visibility.  
**C.** The user has a privacy filter in place.  
**D.** The monitor employs active-matrix pixel addressing.  
**E.** It is a passive-matrix LCD panel.  
**11.** On which properties tab do you select the refresh rate to use between the graphics adapter  
and monitor in Windows Vista?  
**A.** Adapter  
**B.** Monitor  
**C.** Advanced  
**D.** Display Settings  
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**12.** After a presentation using a video projector, when in a hurry to pack everything up and  
head to the airport, which of the following should you avoid doing immediately?  
**A.** Unplugging the projector’s power cable  
**B.** Unplugging the projector’s video cable from your laptop  
**C.** Powering down the projector  
**D.** Turning off your laptop  
**13.** What might cause your display to appear in a resolution of 640n480?  
**A.** You have your resolution set to SVGA.  
**B.** You added memory to your graphics adapter but have not informed the BIOS of the  
new memory.  
**C.** You have your resolution set to XGA.  
**D.** You have booted XP into Safe Mode.  
**14.** Which of the following results can occur with improper display settings?  
**A.** The computer spontaneously reboots.  
**B.** The graphics adapter automatically chooses to use the highest supported resolution.  
**C.** You might have to scroll to see parts of the Desktop.  
**D.** The mouse cursor changes or permanently disappears.  
**15.** What is the single, fixed resolution of an LCD called?  
**A.** Native resolution  
**B.** Default resolution  
**C.** Refresh rate  
**D.** Burned-in resolution  
**16.** Which of the following is it possible to do with multimonitor settings?  
**A.** Connect multiple monitors to your computer only by using a graphics adapter with two  
video interfaces.  
**B.** Cause two different Desktops to merge onto the same monitor.  
**C.** Connect two laptops together so they display the same Desktop.  
**D.** Display different parts of your Desktop on different monitors.  
**17.** Which of the following types of LCD has the best performance characteristics?  
**A.** Active matrix  
**B.** Passive matrix  
**C.** Dual matrix  
**D.** Dual scan  
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**18.** Which of the following resolutions is an example of a 16:10 aspect ratio?  
**A.** 1280n1024  
**B.** 1920n1200  
**C.** 800n600  
**D.** 2048n1536  
**19.** Where can you find the best degaussing tool for modern CRT monitors?  
**A.** At a computer specialty shop  
**B.** At a consumer electronics store  
**C.** Built into the monitor  
**D.** As a freeware download  
**20.** What is the unit of measure used by manufacturers of projectors to indicate the brightness  
of their product?  
**A.** Lux  
**B.** Lumens  
**C.** Watts  
**D.** Candelas