

Comptia A+

To watch the below video, you need to right click on the Hyperlink just below the highlighted task in red color and select the Open Hyperlink option. It will take you to the YouTube where you can watch the concerned video.

You are required to watch the video and answer the Questions asked below.

You need to type answers in the row indicated with "Ans."

Display devices

<https://drive.google.com/file/d/144CTymaVFyj9uZtWFg2deY70wZWHLkX/view?usp=sharing>

1	What is the thing user care about the computer
Ans.	Display
2	What are the types of monitor?
Ans.	CRT monitor, LCD monitor, LED, OLED, Plasma monitor
3	LCD stands for?
Ans.	Liquid Crystal Display
4	What do you mean by LCD?
Ans.	a type of flat panel display which uses liquid crystals in its primary form of operation
5	What are the different types of technology we used in LCD?
Ans.	Passive LCD, Active LCD, Twisted Nematic, In-Plane Switching
6	What are passive LCDs?
Ans.	when a display is needed for an application that doesn't require a high performance display
7	What are active LCDs?
Ans.	an active matrix LCD is a type of flat panel display used in high resolution TV, computer monitors, smartphones with an LCD screen, low weight and very good image quality also fast response time
8	What is twisted nematic LCD?
Ans.	uses a twisted nematic effect to control light polarization and create images on a screen
9	IPS stands for?
Ans.	In-Plane Switching
10	What do you mean by IPS LCD?
Ans.	made up of backlighting or a mirror behind a polarizer, better quality, new technology

11	Is LCD liquid crystal produce backlight?
Ans.	Yes
12	What are the types of backlighting technology LCD use?
Ans.	Fluorescent lamp, light emitting diode
13	What do you mean by LED?
Ans.	Light Emitting Diode
14	OLED stands for?
Ans.	Organic Light Emitting Diode
15	What do you mean by OLED?
Ans.	a display technology that offers rich colors, high contrast, deep blacks, wide viewing angle , low power and fast response time for action scenes
16	What do you mean by PLASMA screen monitor?
Ans.	is made up of many tiny cells containing noble gases and a tiny amount of mercury and it support higher resolution up to 1920 x 1080, excellent contrast ratio, wide viewing angle and high refresh rate
17	What is refresh rate?
Ans.	a measure of how many times per second the display is able to draw a new image
18	What is frame rate?
Ans.	the frequency at which consecutive images are captured or displayed
19	What is aspect ratio?
Ans.	stated the comparison of width to height and is commonly used to describe the shape of a TV or computer screen
20	What is anti-glare shield?
Ans.	incorporating a coating or a film on the surface of the screen that disperses light, preventing it from reflecting directly to your eyes