

CompTIA A+ Certification Practice Test 10 (Exam 220-901)

► What type of hardware components would be the most important for a custom Home Theater PC (HTPC)? (Select all that apply)

☐ ☒ ☒ TV tuner (✖ Missed)

☐ ☒ ☒ Surround sound audio (✖ Missed)

☐ ☒ ☒ HDMI output (✖ Missed)

☐ ☒ ☒ Motherboard form factor (✖ Missed)

☐ ☐ ☐ Specialized GPU

☐ ☐ ☐ Multicore CPU

🚫 Your answer to this question is incorrect.

► A computer on a network where most functions are carried out on a central server, or a software application that uses client-server model wherein the server performs all the processing is commonly referred to as:

☐ ☐ ☐ Thick client

☐ ☐ ☐ Active Hub

☐ ☒ ☒ Thin client (✖ Missed)

☐ ☐ ☐ Virtual machine

🚫 Your answer to this question is incorrect.

► Which of the following hardware components should be given priority in order to ensure optimal performance of a home server PC? (Select 2 answers)

☐ ☐ ☐ High-end video

☐ ☒ ☒ Gigabit NIC (✖ Missed)

☐ ☐ ☐ Multicore processor

☐ ☒ ☒ HDD RAID setup (✖ Missed)

☐ ☐ ☐ Specialized audio

🚫 Your answer to this question is incorrect.

► Which of the LCD technologies listed below offers the fastest response time?

☐ ☒ ☒ Twisted Nematic (TN) (✖ Missed)

☐ ☐ ☐ Cathode Ray Tube (CRT)

☐ ☐ ☐ Ultra Extended Graphics Array (UXGA)

☐ ☐ ☐ In-Plane Switching (IPS)

🚫 Your answer to this question is incorrect.

► What are the characteristic features of the In-Plane Switching (IPS) LCD panel technology? (Select 3 answers)

☐ ☒ ☒ High color quality (✖ Missed)

☐ ☐ ☐ Fast response times

☐ ☒ ☒ Wide viewing angles (✖ Missed)

☐ ☐ ☐ Low color quality

☐ ☒ ☒ Slow response times (✖ Missed)

☐ ☐ ☐ Low viewing angles

🚫 Your answer to this question is incorrect.

► Which of the following answers describe the features of the Twisted Nematic (TN) LCD panel technology? (Select 3 answers)

☐ ☒ ☒ Low viewing angles (✖ Missed)

☐ ☒ ☒ Fast response times (✖ Missed)

☐ ☒ ☒ Low color quality (✖ Missed)

☐ ☐ ☐ High color quality

☐ ☐ ☐ Slow response times

☐ ☐ ☐ Wide viewing angles

🚫 Your answer to this question is incorrect.

► Which of the acronyms listed below refers to an LCD panel taking advantage of fluorescent lamps?

☐ ☐ ☐ LED

☐ ☒ ☒ CCFL (✖ Missed)

☐ ☐ ☐ DFS

☐ ☐ ☐ OLED

🚫 Your answer to this question is incorrect.

► Which of the following answers describe the function of a power inverter? (Select 2 answers)

☐ ☐ ☐ Converts AC power into DC power

☐ ☒ ☒ Used for supplying voltage to backlights of an LCD panel (✖ Missed)

☐ ☒ ☒ Converts DC power into AC power (✖ Missed)

☐ ☐ ☐ Used for supplying voltage to backlights of an OLED display

🚫 Your answer to this question is incorrect.


► Examples of devices posing risk to electrical safety due to accumulated high voltage include: (Select all that apply)


☐ ☒ ☒ CRTs (✖ Missed)

☐ ☒ ☒ Power supplies (✖ Missed)

☐ ☒ ☒ Inverters (✖ Missed)

☐ ☐ ☐ CPUs

☐ ☒  Laser printers (✖ Missed)

 Your answer to this question is incorrect.


► Which of the acronyms listed below refers to a new type of thin and lightweight display devices offering higher contrast ratio and color quality in comparison to LCD without the need for a special light source to produce a visible image?

☐ ☒  OLED (✖ Missed)

☐ ☐ ☐ LED

☐ ☐ ☐ HDMI


☐ ☐ ☐ HTPC

 Your answer to this question is incorrect.


► In computer graphics, the frequency at which the screen is redrawn is called:

☐ ☐ ☐ Aspect ratio

☐ ☐ ☐ Interlacing


☐ ☒  Refresh rate (✖ Missed)

☐ ☐ ☐ Screen resolution

 Your answer to this question is incorrect.


► Which of the following statements are true? (Select all that apply)

☐ ☒  A digital image displayed on the graphics monitor screen consists of pixels arranged in rows and columns (✖ Missed)


☐ ☒  The term "screen resolution" refers to the maximum number of pixels in each dimension (horizontal and vertical) that can be addressed by a digital display device (✖ Missed)

☐ ☐ ☐ In order to ensure the sharpest text and image displayed by a CRT monitor it is usually recommended to set the monitor to run only at a specific resolution (which is also referred to as the CRT's native resolution)


☐ ☐ ☐ The term "screen resolution" refers to the relative horizontal and vertical size of a digital image displayed on the graphics monitor screen

☐ ☒  The smallest unit of a digital image represented on the digital display device is known as pixel (✖ Missed)

☐ ☒  In order to ensure the sharpest text and image displayed by a LCD monitor it is usually recommended to set the monitor to run only at a specific resolution (which is also referred to as the LCD's native resolution) (✖ Missed)

 Your answer to this question is incorrect.

► What type of unit is used to describe the refresh rate of a computer screen?


☐ ☒  Hz (✖ Missed)

☐ ☐ ☐ cd/m2

☐ ☐ ☐ MHz

☐ ☐ ☐ Lumen

☐ ☐ ☐ KHz

 Your answer to this question is incorrect.

► Which of the following units is used for measuring the brightness of an image rendered by an image projector?

☐ ☐ ☐ dB

☐ ☐ ☐ cd/m2

☐ ☒ ☐ ☐ Lumen (✖ Missed)

☐ ☐ ☐ Hz

☐ Your answer to this question is incorrect.

▶ The brightness of an LCD display screen is measured in:

☐ ☐ ☐ Hz

☐ ☐ ☐ Lumens

☐ ☐ ☐ dB

☐ ☒ ☐ ☐ cd/m2 (✖ Missed)

☐ Your answer to this question is incorrect.

▶ Which of the following countermeasures prevents shoulder surfing?

☐ ☐ ☐ Cable locks

☐ ☐ ☐ Video surveillance

☐ ☒ ☐ ☐ Privacy filters (✖ Missed)

☐ ☐ ☐ Security guards

☐ ☐ ☐ Screensavers

☐ Your answer to this question is incorrect.

▶ A monitor filter used to reduce reflection from the surface of a CRT or LCD display is called:

☐ ☐ ☐ Widescreen

☐ ☒ ☐ ☐ Antiglare (✖ Missed)

☐ ☐ ☐ Flat panel

☐ ☐ ☐ Privacy filter

☐ Your answer to this question is incorrect.

▶ The relative horizontal and vertical size of a digital image displayed on the graphics monitor screen is referred to as:

☐ ☐ ☐ Frame rate

☐ ☐ ☐ Screen resolution

☐ ☒ ☐ ☐ Aspect ratio (✖ Missed)

☐ ☐ ☐ Native resolution

☐ Your answer to this question is incorrect.

▶ Which of the answers listed below refer to the characteristics of the Extended Graphics Array (XGA) display standard? (Select 2 answers)

☐ ☒ ☐ ☐ 4:3 aspect ratio (✖ Missed)


☐ ☐ ☐ 1280 x 1024 resolution

☐ ☐ ☐ 16:10 aspect ratio

☐ ☒ ☒ 1024 x 768 resolution (✖ Missed)

☐ ☐ ☐ 5:4 aspect ratio

☐ ☐ ☐ 1920 x 1200 resolution

 Your answer to this question is incorrect.


► Display devices with aspect ratios of 16:10 and 16:9 are commonly referred to as:

☐ ☐ ☐ UXGA displays

☐ ☐ ☐ Fullscreen displays

☐ ☒ ☒ Widescreen displays (✖ Missed)

☐ ☐ ☐ WUXGA displays

 Your answer to this question is incorrect.

► The Super Extended Graphics Array (SXGA) display standard features: (Select 2 answers)

☐ ☐ ☐ 1024 x 768 resolution


☐ ☒ ☒ 5:4 aspect ratio (✖ Missed)

☐ ☒ ☒ 1280 x 1024 resolution (✖ Missed)

☐ ☐ ☐ 16:10 aspect ratio

☐ ☐ ☐ 1920 x 1200 resolution

☐ ☐ ☐ 4:3 aspect ratio

 Your answer to this question is incorrect.


► Which of the following answers refers to the standard display format for HDTV?

☐ ☐ ☐ 4:3 aspect ratio

☐ ☐ ☐ 5:4 aspect ratio

☐ ☒ ☒ 16:9 aspect ratio (✖ Missed)

☐ ☐ ☐ 16:10 aspect ratio

 Your answer to this question is incorrect.

► What are the characteristic features of the Ultra Extended Graphics Array (UXGA) display standard? (Select 2 answers)

☐ ☐ ☐ 16:10 aspect ratio


☐ ☐ ☐ 1920 x 1200 resolution

☐ ☐ ☐ 5:4 aspect ratio

☐ ☐ ☐ 1280 x 1024 resolution

☐ ☒ ☒ 4:3 aspect ratio (✖ Missed)

☐ ☒ ☒ 1600 x 1200 resolution (✖ Missed)

 Your answer to this question is incorrect.

► Which of the answers listed below refer to the Widescreen Ultra Extended Graphics Array (WUXGA) display standard (Select 2 answers)

☐ ☒ ☐ 16:10 aspect ratio (✖ Missed)

☐ ☐ ☐ 1600 x 1200 resolution

☐ ☐ ☐ 4:3 aspect ratio

☐ ☐ ☐ 1024 x 768 resolution

☐ ☐ ☐ 4:3 aspect ratio

☐ ☒ ☐ 1920 x 1200 resolution (✖ Missed)

🚫 Your answer to this question is incorrect.

► Which of the following display standards use(s) the 4:3 aspect ratio? (Select all that apply)

☐ ☒ ☐ XGA (✖ Missed)

☐ ☐ ☐ SXGA

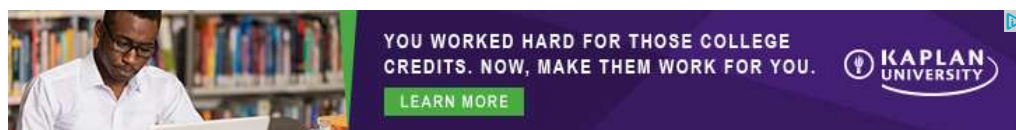
☐ ☒ ☐ UXGA (✖ Missed)

☐ ☐ ☐ WUXGA

🚫 Your answer to this question is incorrect.

Your Final Report

Total marks	45
Total Questions	25
Questions correctly answered	0
Success ratio	0%
Marks secured	0
Percentage secured	0%



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