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QUESTION 1

You need to select a laptop for a traveling salesman. He will really need to stretch the battery life as long as possible, so he wants low power options wherever possible.

Which type of monitor should you select?

- A. LCD
- B. CRT
- C. Active Matrix
- D. Passive Matrix

Correct Answer: D

Passive matrix LCD monitors use less power than active matrix, and are generally preferred for laptops when long battery life is the key concern. Answer option C is incorrect. An active matrix LCD uses more power than a passive matrix, but

gives a higher quality picture.

Answer option B is incorrect. Cathode Ray Tube monitors are legacy monitors that were once used on PC\\s.

Answer option A is incorrect. All laptops use LCD monitors. The question is whether or not one should select an active or passive matrix LCD.

What is Cathode Ray Tube (CRT)? Hide

Cathode Ray Tube (CRT) is a vacuum tube used as a display screen in a computer monitor or TV. The viewing end of the tube is coated with phosphors, which emit light when struck by electrons. CRT works by heating a cathode which

causes electrons to flow. Accelerating and focusing anodes turn the electrons into a fine beam that is directed to the phosphors by magnetic fields that are generated by steering coils. The viewing end of a color CRT tube is coated with red,

green and blue phosphor dots, and separate "electron guns" bombard their respective colors a line at a time in a prescribed sequence. The resulting color displayed on screen is determined by the intensity of the electron beams as they strike

the red, green and blue phosphors at that same pixel location.

QUESTION 2

A user has finished setting up a new computer. Now the operating system requires activation, but the user discovers the computer has no Internet connection.

Which of the following should the user do FIRST?

- A. Contact technical support.
- B. Reboot the computer.



- C. Check the Ethernet cable.
- D. Review manufacturer's website.

Correct Answer: C

QUESTION 3

Under which environmental conditions is the risk of Electrostatic discharge (ESD) the highest?

- A. Low temperature
- B. High humidity
- C. Low humidity
- D. High temperature

Correct Answer: C

Low humidity increases the risk of Electrostatic discharge (ESD). Dry air is a poor conductor of electricity and it increases the risk of ESD. Humidity reduces the risk ESD because water molecules carry static electric charge away. Clothing,

footwear, and flooring material are important considerations in evaluating the potential for ESD.

To reduce the risk of ESD, you should take the following precautions while installing new hardware:

Work on a tile floor instead of carpeting.

Remove your shoes, if possible, and roll up your shirt's sleeves. If you set the component down, do not let the component touch the table before your hand touches the table.

What is ESD?

ESD stands for Electrostatic discharge. The static electricity that we generate everyday creates ESD. If you walk across a carpet and touch someone, you experience a mild shock. Electrostatic discharge occurs when the electrostatic charge

is transferred from one charged entity to another entity sensitive to that charge. components. A wrist strap is a wire with a watchband-style strap at one end and a plug or clip on the other end. The wrist strap plug or clip is connected to the

ground or to the piece of equipment being worked on.

QUESTION 4

Which of the following statements about Hardware Compatibility List (HCL) are true?

Each correct answer represents a part of the solution. Choose two.

- A. It ensures that a computer and its components are compatible with the operating system before the operating system



is installed.

- B. It contains the listing of all the hardware that operating systems vendors have tested with their operating systems.
- C. It ensures that a computer and its components are working properly.
- D. It contains the license to use operating systems.

Correct Answer: AB

The Hardware Compatibility List (HCL) contains the listing of all the hardware that operating systems vendors have tested with their operating systems. Through HCL, an administrator can be sure that a computer and its components are compatible with the operating system before the operating system is installed. HCL helps administrators to verify that the CPU, RAM, storage devices, various interface cards, and other hardware components are supported by the operating systems. Reference: "<http://www.microsoft.com/whdc/hcl/default.msp>"

QUESTION 5

Which of the following is the BEST security practice to use when configuring the management options of a wireless router?

- A. Disable DHCP
- B. Change the admin password
- C. Enable SSID
- D. Enable remote administration

Correct Answer: B

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