Complete Practice Tests

CompTIA A+ Core 1 Exam 220-1001 and Core 2 Exam 220-1002

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DEMO

Core 1

25. Which of the following connectors is used for musical equipment?

A. MIDI

B. HDMI

C. DVI

D. DisplayPort

Explanation

Answer: A → The Musical Instrument Digital Interface (MIDI) connector is used for musical equipment such as keyboards, synthesizers, and sequencers. MIDI is used to create a clocking signal that all devices can synchronize to.

Incorrect answers: The other three connectors, HDMI, DVI, and DisplayPort, are all video connectors.

37. Which of the following statements describes why the display on a laptop gets dimmer when the power supply from the AC outlet is disconnected?

A. The laptop cannot use full brightness when on battery power.

B. Power management settings on the laptop are configured for power-saving.

C. To operate properly, laptop displays require an alternating current power source.

D. Security settings on the laptop are configured to dim the display.

Explanation

Answer: B → The power management settings on the laptop can cause the display to automatically dim when the AC adapter is unplugged. In fact, this is the default on many laptops to conserve battery power. These settings can be configured within Power Options in Windows.

Incorrect answers: You can certainly set the display to full brightness when on battery power; doing so just isn't recommended. Laptops can operate properly when connected to the AC power adapter or when using the battery only. The display brightness of a laptop isn't affected by any security settings.

60. A user with an Android phone is attempting to get email to work properly. The user can send email but cannot receive it. The user is required to connect to a secure IMAP server, as well as an SMTP server that uses SSL. To fix the problem, which port should you configure?

A. 25

B. 110

C. 143

D. 443

E. 993

Explanation

Answer: E → What should have been port 993 was probably configured incorrectly if the person can send but not receive email. To securely send email over Internet Message Access Protocol (IMAP), use port 993.

Incorrect answers: The Simple Mail Transfer Protocol (SMTP) uses port 25 by default to send mail but will use port 587 (or 465) if SSL or TLS security is implemented. Port 110 is the POP3 email port. POP3 also is used to receive email, but not in this question's scenario. IMAP can receive email on port 143, but it is not considered secure. Port 443 is commonly used by HTTPS. Configuring email on mobile devices such as Android phones can be a little more difficult, as compared to PCs. Be sure to work with mobile devices and go through the steps of setting up email on both Android and iOS.

78. A user's time and date keep resetting to January 1, 2012. Which of the following is the most likely cause?

A. The BIOS needs to be updated.

B. Windows needs to be updated.

C. The Windows Date and Time Properties window needs to be modified.

D. The lithium battery needs to be replaced.

Explanation

Answer: D → If the time and date keep resetting—for example, to a date such as January 1, 2012—chances are that the lithium battery needs to be replaced. These are usually nickel-sized batteries; most PCs use a CR2032 lithium battery.

Incorrect answers: Updating the UEFI/BIOS allows the PC to "see" new devices and communicate with them better, but it will not fix the time issue. Updating Windows will not fix this problem, but it should be done often to keep the computer secure. Other date and time synchronization problems can be fixed in the clock settings within the Notification Area. Windows client computers should be configured to synchronize to a time server.

95. Jim attempts to plug a scanner into the front USB port of a Windows computer, but the scanner does not power on. Which of the following solutions should be recommended to Jim?

A. Use a different USB cable.

B. Run Windows Update on the computer.

C. Upgrade the computer's drivers.

D. Use the onboard USB ports.

Explanation

Answer: D → Tell the customer to use the onboard ports. This means the ports that are integrated directly to the motherboard on the back of the computer. This tip is a quick, temporary fix, but it should work because they are hardwired to the board. The front USB plugs are part of the computer case; they probably were never connected to the motherboard properly. You should also check whether the USB scanner needs to be plugged into an AC outlet.

Incorrect answers: If the back USB ports don't work, you could try a different USB cable. Software shouldn't affect the USB device getting power. If it has a proper USB connection, it should power up. But, after that, if Windows doesn't recognize it, try updating drivers and Windows.