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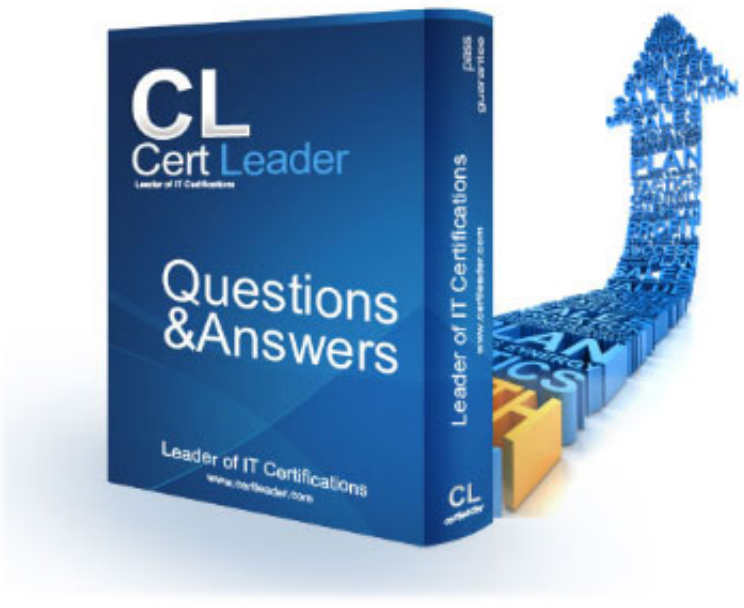


NEW QUESTION 1
Which of the following is important when replacing a power supply in a workstation located in a datacenter server rack?

A. A fanless power supply should be used
B. The proper voltage must be selected
C. The unit must be the same or less wattage
D. The power connector location must be the same

Answer: B

NEW QUESTION 2
A technician needs to run a diagnostic DVD on a laptop running Windows 8.1. After setting the boot order in the UEFI BIOS to the internal DVD-RW drive, the laptop still boots into Windows. Which of the following settings needs to be adjusted in order for the laptop to boot from the DVD-RW drive?

A. TPM
B. Virtualization
C. Secure boot
D. UEFI BIOS password

Answer: C

NEW QUESTION 3
Which of the following types of expansion slots is MOST frequently found in blade servers?

A. PCIe
B. PCI
C. PCI-X
D. miniPCI

Answer: C

NEW QUESTION 4
Which of the following protocols would be used for file sharing between MAC OS and Windows OS workstations on a LAN?

A. IMAP
B. SMB
C. SSH
D. RDP

Answer: B

NEW QUESTION 5
A technician has connected a laptop to a television via HDMI cable. The entire display cannot be seen on the television. Which of the following settings should the technician modify?

A. Keystone
B. Resolution
C. Privacy filter
D. Frame rate

Answer: B

NEW QUESTION 6
A technician is troubleshooting an expansion card in a computer that allows the computer to receive faxes over a VoIP line. The line connected to the expansion card is MOST likely which of the following cable types?

A. Coaxial
B. CAT3
C. CAT6
D. Multi-mode fiber
E. Single-mode fiber

Answer: C

NEW QUESTION 7
An IT Director wants to increase security on the company website to prevent man-in-the-middle attacks. Which of the following Internet protocols should be implemented to meet the requirement?

A. HTTPS
B. IMAP
C. TELNET
D. SMTP

Answer: A

NEW QUESTION 8
A technician replaces a defective 250GB hard drive in a desktop with a 2TB hard drive. After installation, the computer detects the new 2TB drive as a 250GB drive. Which of the following should the technician do to fix this issue?

A. Reinstall the drive
B. Patch the OS
C. Upgrade the driver
D. Flash the BIOS

Answer: D

NEW QUESTION 9
A customer is building a high-end gaming PC and is seeking an appropriate power supply unit. Which of the following feature-sets of a power supply should be installed? (Select THREE).

A. Mini-ITX form factor
B. High number of connectors
C. 24-pin main connector
D. 20-pin main connector
E. 350-450 watts of power
F. Dual 12v rails

Answer: BCF

NEW QUESTION 10
A user wants to reduce the amount of paper consumed on a multi-function printer. Which of the following settings should be configured to achieve this outcome?

A. Orientation
B. Duplex
C. Collate
D. Economy ink

Answer: B

NEW QUESTION 10
A small workgroup inherits a second-hand printer without networking capabilities. Which of the following is the BEST method of sharing this resource among the workgroup?

A. Connect the printer to a Bluetooth adapter in order for the users to print
B. Connect the printer by using the onboard Infrared port
C. Connect the printer to a user's workstation and share the device
D. Connect the printer to a parallel switch box

Answer: C

NEW QUESTION 14
A computer technician is responding to a call about a printer that is causing streaks to appear on every printout. Which of the following is the MOST likely cause?

A. Duplex unit
B. Toner cartridge
C. Imaging drum
D. Pickup rollers

Answer: C

NEW QUESTION 19
A technician upgrades an older computer to Windows 8. The computer is running unusually slow, but the hardware has no problems and is adequate for the OS. Which of the following is the MOST likely solution?

A. Change the boot sequence
B. Switch the BIOS to UEFI
C. Defragment the hard drive
D. Enable virtualization

Answer: C

NEW QUESTION 24
A user opens a service ticket for a laser printer that has paper jams. Lately, jamming has become more frequent. The technician recreates the problem and checks the printer logs for more information about the printer. Which of the
following choices are MOST likely fixes to this problem? (Choose two.)

A. Clean and inspect the laser drum assembly
B. Clean and inspect the entire paper path
C. Use the printer maintenance kit to replace parts
D. Replace the paper exit assembly switch
E. Clean and replace the paper out sensor

F. Clean the fuser cold roller and verify fuser operation

Answer: BC

NEW QUESTION 28
A user wants to extend a PC's capacity by connecting external devices. Which of the following connectors will allow the user to accomplish this? (Select TWO).

A. eSATA
B. IEEE 1394
C. SATA
D. EIDE
E. IDE

Answer: AB

NEW QUESTION 29
Which of the following Internet connection types is known to have a significantly higher latency than the others?

A. Cable
B. Satellite
C. DSL
D. Fiber

Answer: B

NEW QUESTION 32
Which of the following adapters converts an analog signal to a digital signal?

A. S-Video to RCA
B. HDMI to VGA
C. VGA to DVI-D
D. DVI-D to HDMI

Answer: C

NEW QUESTION 36
A customer wants a computer for performing a single-threaded task as quickly as possible. Which of the following CPU characteristics is the MOST important?

A. Clock speed
B. Hyperthreading
C. Fan speed
D. Number of cores

Answer: A

NEW QUESTION 37
A technician is building a workstation that is to be used as an HTPC and will sit next to the audio receiver. Which of the following form factors would the technician MOST likely use because of its size?

A. ATX
B. Mini-ITX
C. AT
D. Micro-ATX

Answer: B

NEW QUESTION 38
Which of the following types of cables are MOST likely to be used to connect to an external hard drive? (Choose two.)

A. Molex
B. SPDIF
C. eSATA
D. HDMI
E. USB 3.0
F. CAT6e

Answer: CE

NEW QUESTION 42
Joe, a technician, is tasked to install a new client machine. He notices the machine is not getting any network connectivity. He tests the network cable between the PC and the network jack and confirms it is good. Joe goes to the network closet and finds several network cables not connected to the switch. Which of the following tools would Joe use to determine which cable goes back to the correct network jack?

A. Loopback plug
B. Toner probe

C. WiFi analyzer
D. Punchdown tool

Answer: B

NEW QUESTION 43
Which of the following Internet connection types is a digital form that runs over standard telephone wiring?

A. Fiber
B. Dial-up
C. Cable
D. DSL

Answer: D

NEW QUESTION 48
Which of the following is a public IP address?

A. 10.45.xxx.xxx
B. 169.254.xxx.xxx
C. 173.16.xxx.xxx
D. 192.168.xxx.xxx

Answer: C

NEW QUESTION 51
Which of the following is an advantage of using DHCP for network addressing?

A. Simplified configuration
B. More addresses are available
C. Faster connection speeds
D. Lower latency times

Answer: A

NEW QUESTION 53
There are 20 laptops in a room and they all need to connect wirelessly to the network. Which of the following would be the BEST device to use?

A. Switch
B. Router
C. Access point
D. Hub

Answer: C

NEW QUESTION 57
A machine receives an IP address starting with 169.254.x.x when which of the following occurs?

A. When the machine is using IPv6
B. When the next IP range begins with 169.253
C. When the DHCP server does not respond
D. When the operating system is Unix or Linux

Answer: C

NEW QUESTION 58
Which of the following ports is typically used for sending email?

A. 21
B. 22
C. 23
D. 25

Answer: D

NEW QUESTION 63
A network administrator has a requirement to implement a Wi-Fi hotspot for the public. Which of the following should be used for secure access?

A. WEP and TKIP
B. WPA2 and AES
C. WPA and static IPs
D. WPA2 and MAC filtering

Answer: B

NEW QUESTION 65
A technician is connecting a PoE enabled phone and needs to run the drop from the switch that is 55 meters (180.4 feet) away. Which of the following cable types would be the MOST suitable for this purpose?

A. Fiber
B. Coaxial
C. CAT3
D. CAT6

Answer: D

NEW QUESTION 67
A user wants to implement a wireless router that will have the fastest data speeds and operate over the 5GHz frequency. Which of the following standards should the user select?

A. 802.11a
B. 802.11ac
C. 802.11g
D. 802.11n

Answer: B

NEW QUESTION 68
A technician is tasked with finding and labeling where a network connection terminates in a patch panel. Which of the following tools would be BEST for the technician to use?

A. Ethernet cable tester
B. Tone generator and probe
C. RJ-45 loopback plug
D. Patch panel punchdown tool

Answer: B

NEW QUESTION 70
When a technician is planning to replace a laptop hard drive, the technician will need to:

A. select a drive that is the correct form factor.
B. choose the correct drive cache size for the laptop.
C. also upgrade the memory.
D. verify voltage requirement

Answer: A

NEW QUESTION 74
Which of the following components is responsible for converting light into digital information?

A. Microphone
B. Digitizer
C. Inverter
D. Webcam

Answer: D

NEW QUESTION 79
Which of the following would need to be enabled on a mobile phone to share its Internet connection with multiple devices simultaneously?

A. NFC
B. Bluetooth
C. Hotspot
D. Tethering

Answer: C

NEW QUESTION 83
A customer brings a laptop in for repair, because the screen image is upside down. Which of the following is the BEST solution?

A. Change the screen orientation
B. Replace the video card
C. Connect an external monitor
D. Update the video card drivers

Answer: A

NEW QUESTION 85
A user reports that the cursor jumps to random screen locations when typing on a laptop computer. Which of the following devices is MOST likely causing this?

A. The touchpad
B. The mouse wheel
C. The multimedia keys
D. The digitizer

Answer: A

NEW QUESTION 88
A customer wants the thinnest laptop possible. Which of the following display technologies typically allows for thinner devices?

A. IPS
B. OLED
C. LCD
D. DisplayPort

Answer: B

NEW QUESTION 91
A user has requested a device that could be used for web-conferences while away from work. The device will mainly be used for emailing, document reviewing, and phone calls. Which of the following mobile devices would a technician MOST likely recommend?

A. Tablet
B. Smart camera
C. Phablet
D. Web camera

Answer: C

NEW QUESTION 92
A user is requesting a cable to charge and transfer data for an Apple mobile device. Which of the following connection types would satisfy the user's requirements?

A. MicroUSB
B. Molex
C. MiniUSB
D. Lightning

Answer: D

NEW QUESTION 97
Legacy software needs to be installed on a netbook. Which of the following is MOST likely needed in order to install the software?

A. Lightning port
B. Bluetooth adapter
C. USB optical drive
D. NFC chip

Answer: C

NEW QUESTION 100
A laptop is setup at a podium for a presentation but is set to extended desktop. The presenter would like it to show exactly what the laptop screen is showing. Which of the following would be the QUICKEST way to accomplish this?

A. Look for the setting in control panel
B. Toggle the dual display function key
C. Change the screen orientation
D. Reboot the laptop

Answer: B

NEW QUESTION 104
A laptop has a network port that is not working consistently and wireless is out of range. Which of the following would the technician do to quickly get the laptop back on the wired network?

A. Use a USB to RJ-45 dongle
B. Enable Bluetooth
C. Enable NIC teaming
D. Replace the motherboard

Answer: A

NEW QUESTION 105
A technician is working on a laptop with a failed Ethernet port caused by ESD. Which of the following is the simplest solution to restore network connectivity?

A. Re-solder the network connector
B. Replace the Ethernet daughter board

C. Update the Ethernet driver
D. Enable wireless and connect to the WAP

Answer: D

NEW QUESTION 110
A user attempts to turn on a computer and receives no response. The user calls the technician to report the computer is not booting and a faint smell of something burning. Which of the following tools will BEST help to identify the issue?

A. ESD strap
B. PSU tester
C. Cable tester
D. Loopback plug

Answer: B

NEW QUESTION 114
A technician is tasked with upgrading the hard drives of a high-end workstation to SSD. The drives must be configured in a RAID array, but the RAID card does not support SSD. Which of the following would the technician verify in order to use the new drives?

A. Controller firmware
B. Power requirements
C. File system type
D. System BIOS

Answer: A

NEW QUESTION 117
A user has reported that the company notebook is performing some random mouse actions requiring the user to make a lot of typing corrections. How can the technician solve the issue for the user?

A. Adjust the mouse settings so the mouse moves slower
B. Reverse the buttons on the mouse pad
C. Adjust the mouse settings so the mouse moves faster
D. Use the function keys to disable the mouse pad

Answer: D

NEW QUESTION 120
A user notices the printer that is used for printing global shipper's labels is missing columns in the printed labels. The special label stock is new and appears to be fine. Which of the following should the technician perform FIRST when troubleshooting this problem?

A. Remove any stuck labels from the paper path
B. Clean the pickup rollers and check them for wear
C. Clean the print head with approved materials
D. Replace and realign the print head

Answer: C

NEW QUESTION 122
A technician has upgraded the BIOS of a system that is running with multiple hard drives. Afterward, the system will not boot and displays an error message "Operating system not found". Which of the following is the FIRST thing the technician should inspect?

A. The hard drive type settings in the BIOS
B. The power supply connections to the hard drives
C. The boot sequence settings in the BIOS
D. The motherboard SATA connectors

Answer: C

NEW QUESTION 123
Ann, a user, reports her docked mobile workstation will periodically lose her network share drive and lose video to the second monitor. Which of the following is MOST likely the cause of this anomaly?

A. The workstation battery needs to be replaced.
B. The NIC is functioning intermittently.
C. Failed driver updates for the workstation's devices.
D. The surge protector lost AC powe

Answer: D

NEW QUESTION 126
A user, Ann, reports that her company laptop cannot pick up a wireless connection in certain areas of a building. However, users working on their laptops in the common areas have Internet connectivity. Which of the following is the MOST likely cause?

A. Weak RF signals
B. Out of date Ethernet driver
C. Enabled MAC filtering
D. Duplicate IP addresses

Answer: A

NEW QUESTION 131
A brownout has occurred within a building. A technician is repairing a workstation which has a power light, but is not displaying anything on the screen and is not making any sounds during boot up. Which of the following should be used to further troubleshoot the workstation?

A. Loop back plug
B. POST card
C. Power supply tester
D. Multimeter

Answer: B

NEW QUESTION 132
A workstation has a network link light, but it cannot access internal network resources. Which of the following is the MOST likely cause of the issue?

A. Slow transfer speeds
B. IP address conflict
C. Incorrect gateway
D. Packet collisions

Answer: B

NEW QUESTION 133
The OSD of a monitor indicates the proper video source is selected, but no image is displayed. Which of the following issues are the MOST likely reasons? (Select TWO).

A. The source cable is disconnected
B. The monitor's brightness is set too low
C. The backlighting of the monitor is faulty
D. The monitor's contrast is set too high
E. No device is sending source video

Answer: AE

NEW QUESTION 134
A user reports an inkjet printer is constantly feeding two sheets of paper for every page printed. Which of the following is the MOST likely reason?

A. Poor paper quality
B. Incorrect paper size
C. Defective duplexer
D. Worn feed rollers

Answer: D

NEW QUESTION 139
A technician is troubleshooting a desktop that is having intermittent issues with locking up and system errors. The technician suspects that the problem might be that not enough power is getting to the motherboard. Which of the following tools would a technician use to determine if the hypothesis is correct?

A. POST card
B. Loopback plug
C. Multimeter
D. Cable tester

Answer: C

NEW QUESTION 141
A user is notified of file system errors on an external hard drive. Which of the following tools can be used to repair common errors on the drive?

A. chkdsk
B. diskpart
C. format
D. sfc

Answer: A

NEW QUESTION 145
The loud clicking noise coming from a faulty hard drive is MOST likely created by:

A. the coil reversing polarity in an endless loop.

B. one or more bad spindle motor bearings.
C. repeated motion of the read/write head armature parallel to the platter.
D. the solid state read/write head scratching the platter surfac

Answer: C

NEW QUESTION 150
A customer has left a computer monitor on over the weekend and now notices slight discoloration of the screen. This is an example of:

A. a failing backlight.
B. burn in.
C. a bad inverter.
D. dead pixels.
E. EMI.

Answer: B

NEW QUESTION 151
A client, Ann, is having issues with a PC shutting down. There are no error messages displayed before the system powers off. Ann reports that this started after she installed and began using CAD software. The hard drive, video card, and RAM all meet the software requirements and have passed diagnostics. Which of the following is MOST likely the issue?

A. The video card has 3D acceleration disabled.
B. The hard drive is IDE instead of SATA.
C. The hard drive needs to be repartitioned.
D. The PSU is underpowered for the syste

Answer: D

NEW QUESTION 155
A network printer is online and ready. The accounting group is unable to print to this network printer, but other departments can. Which of the following would the technician use to resolve the problem?

A. Replace the printer's network cable
B. Modify the security setting of the print spooler
C. Restart the TCP/IP print spooler service
D. Use the manufacturer's maintenance kit

Answer: B

NEW QUESTION 156
Joe, a technician, is preparing to replace a laptop screen. This laptop has a touch screen to support Windows 8.1 in order to use the Metro tiles. Which of the following is the FIRST step the technician should perform?

A. Remove the laptop bezel
B. Document and label each cable and screw location
C. Organize the replacement parts
D. Refer to the manufacturer's documentation

Answer: D

NEW QUESTION 158
A client has an issue with large files taking a long time to open or save. As time goes by, the issue worsens. The client has hundreds of GBs of files that are still in the process of backing up. The technician has verified that the hard drive is healthy and there are no signs of failure. Which of the following troubleshooting steps should the technician perform NEXT?

A. Install the latest drivers from the hardware vendor.
B. Perform a scan of the drive for file fragmentation.
C. Run chkdsk on the workstation's hard drive.
D. Reformat the drive and reinstall the O

Answer: B

NEW QUESTION 161
A user is reporting that a desktop monitor backlighting is very dim. Which of the following should be performed FIRST when troubleshooting the problem?

A. Update drivers
B. Reseat the video card
C. Use OSD tools
D. Replace the monitor

Answer: C

NEW QUESTION 163
A client's computer is not connecting to a website. Which of the following commands will allow the technician to view the route/number of hops between the host

and remote systems?

A. nbtstat
B. tracert
C. nslookup
D. netstat

Answer: B

NEW QUESTION 166
An office printer that was working earlier in the day is no longer printing any documents. Pre-existing workstations are manually configured to print to the printer directly over the network. A technician has started to troubleshoot the problem and determines that the printer can still be seen in the network directory. The technician has also verified that the printer can print self-diagnostic pages successfully. Which of the following is the MOST likely cause of the problem?

A. The printer's IP address has changed.
B. The network print spooler service has been restarted.
C. "Perform Printer Maintenance" message is displayed on the printer's LCD panel.
D. Two or more users sent print jobs simultaneously, causing a print collision.

Answer: A

NEW QUESTION 168
A user states there are multiple small black dots on an LCD screen. Which of the following should be done to resolve the issue?

A. Replace monitor.
B. Replace video card.
C. Replace video cable.
D. Replace power suppl

Answer: A

NEW QUESTION 173
A printer on the second floor is not printing for anyone. However, the printer has power and displays ready on the LCD display. There is paper in the trays and the toner was recently changed. The system administrator goes to the location with a laptop and tests the network port and is able to connect. Jobs are being queued on the local machines. Which of the following should the system administrator do to get the printer functioning again?

A. Move the printer to a known good port and connect to the network
B. Replace the network cable to the printer
C. Verify the server's print spooler service is running
D. Attach the printer directly to the laptop and print a test page

Answer: C

NEW QUESTION 177
Which of the following RAID types uses a drive mirroring algorithm? (Select TWO).

A. RAID 0
B. RAID 1
C. RAID 5
D. RAID 6
E. RAID 10

Answer: BE

NEW QUESTION 181
Which of the following would be used to connect two remote sites?

A. Switch
B. Access point
C. Router
D. Hub

Answer: C

NEW QUESTION 184
A customer needs to run 3 virtual machines on their software design workstation. Which of the following CPUs would be MOST cost effective for this task?

A. 3 Core
B. 4 Core
C. 8 Core
D. 12 Core

Answer: B

NEW QUESTION 188

Which of the following types of connectors can use a maximum strands of wires?

A. RJ-11
B. RS-232
C. RJ-45
D. BNC

Answer: C

NEW QUESTION 193
A technician needs to set up a VPN for a small office. To ensure the network traffic is routed to the correct machine, which of the following MUST the technician do on the router to accommodate this?

A. Port forwarding
B. Port redundancy
C. Port triggering
D. Port selection

Answer: A

NEW QUESTION 198
Jot, a user, has installed a new monitor on an existing system. Jot calls a support technician and reports that everything on the new display is fuzzy. Which of the following describes what needs to be changed to correct this issue?

A. The display resolution needs to match the native resolution.
B. The old graphics card does not support the new monitor.
C. The new monitor cable needs to have aluminum cores installed.
D. The new monitor requires updated drivers to be installe

Answer: A

NEW QUESTION 203
Which of the following 802.11 standards has a MAXIMUM bandwidth throughput Mbps and uses 2.4GHz frequency?

A. A
B. B
C. G
D. N

Answer: C

NEW QUESTION 205
Which of the following cable types is used to transmit data from a satellite dish to the satellite modem?

A. CAT5e
B. CAT3
C. Fiber
D. RG-6

Answer: D

NEW QUESTION 207
Which of the following expansion slots is MOST commonly used for high-end video cards?

A. PCI
B. PCIe
C. CNR
D. AGP

Answer: B

NEW QUESTION 210
Which of the following devices is primarily intended to provide 24/7 diagnostic and biometric data regarding the user?

A. Fitness monitor
B. e-Reader
C. Smartwatch
D. Smartphone

Answer: A

NEW QUESTION 211
A technician wants to simplify users' wireless configuration in a new remote office. Which of the following must be configured on the access point to allow wireless clients to automatically negotiate secure authentication with the SOHO access point?

A. Enable QoS
B. Enable SSID Broadcast
C. Enable WPS
D. Enable MAC filtering

Answer: C

NEW QUESTION 212
Which of the following would be the MOST important factor to consider when building a virtualization workstation?

A. High-end graphics card with onboard memory
B. A compact form factor
C. Dual monitor support
D. Maximum RAM and CPU cores

Answer: D

NEW QUESTION 217
Which of the following is a type of fiber connector?

A. RJ-11
B. F-connector
C. BNC
D. ST

Answer: D

NEW QUESTION 219
The technician is repairing a PC which appears to have a failing RAM module. After replacing the module, the extra memory still is not registering. Which of the following is MOST likely the issue?

A. Jumper settings are incorrect
B. The RAM module is defective
C. The memory slot is defective
D. CMOS needs to be flashed

Answer: C

NEW QUESTION 222
A user has lost connection to the Internet, but can still browse locally shared folders. Which of the following connections is MOST likely down?

A. SAN
B. WAN
C. LAN
D. PAN

Answer: B

NEW QUESTION 225
A SOHO is considering a purchase of several printers that will facilitate printing on both sides of the media. Which of the following optional add-ons will provide this functionality?

A. Collate
B. Duplex
C. Fast draft
D. Paper type

Answer: B

NEW QUESTION 226
A technician is asked to upgrade RAM in a laptop from 4GB to 8GB. Which of the following should the technician do FIRST?

A. Download the newest motherboard drivers
B. Enable TPM
C. Review the vendor laptop documentation
D. Flash the BIOS

Answer: C

NEW QUESTION 231
When installing a laptop at a desk that will be using stationary dual monitors, which of the following ports should be used? (Select TWO).

A. VGA
B. IEEE 1394
C. PCIe

D. PCMCIA
E. ExpressPort
F. HDMI

Answer: AF

NEW QUESTION 235
A customer is reporting that after removing a laptop from the docking station and bringing it home, the cursor occasionally jumps around the screen while the customer is typing. Which of the following should the technician do to mitigate this issue?

A. Disable the touch pad on the laptop
B. Install new keyboard drivers for the laptop
C. Install new drivers for the docking station
D. Disable the keyboard on the laptop

Answer: A

NEW QUESTION 238
A common method of accessing computers remotely that uses port 23 is known as?

A. LDAP
B. RDP
C. Telnet
D. FTP

Answer: C

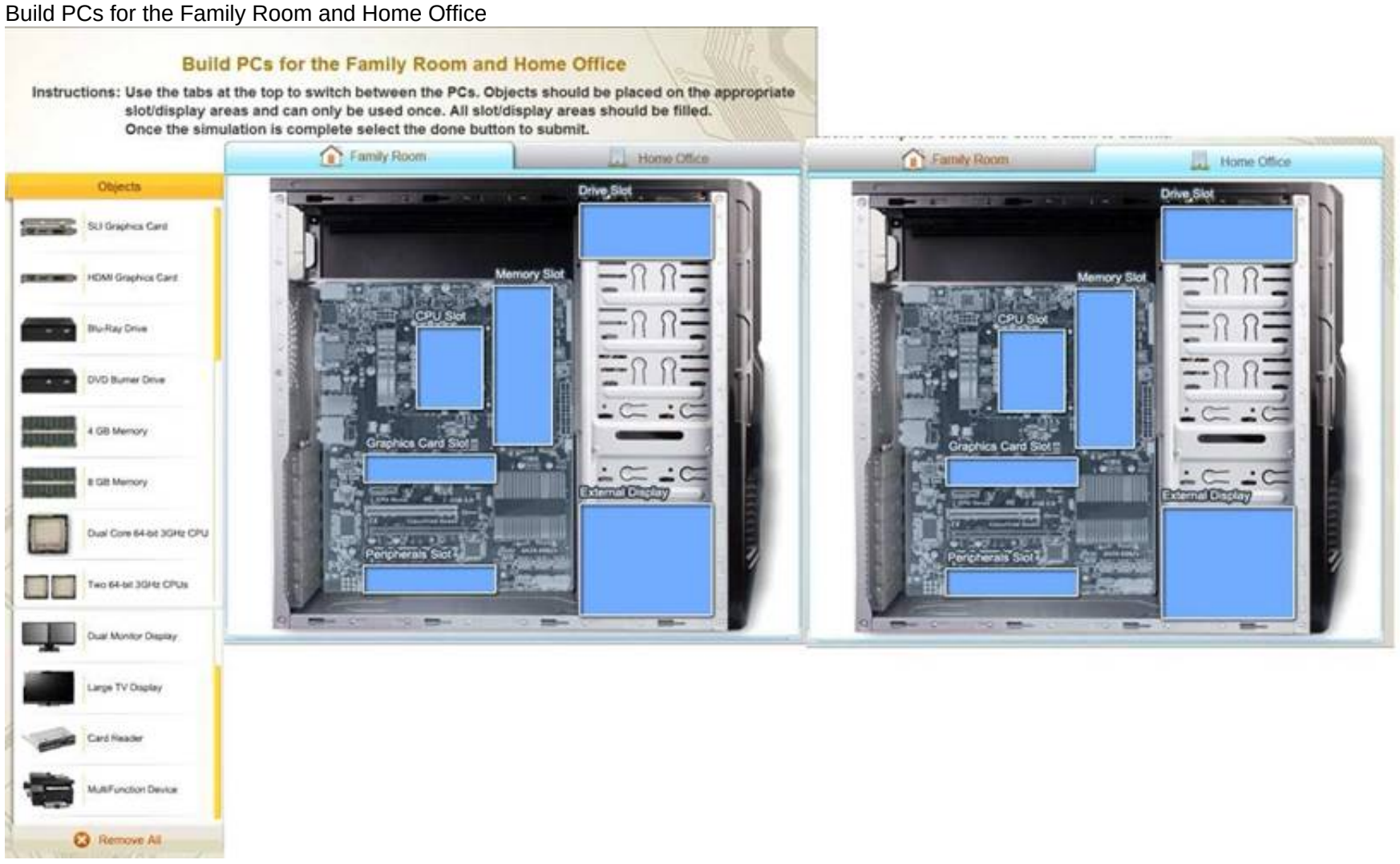
Explanation: http://www.speedguide.net/port.php?port=23

NEW QUESTION 242
Older video cards used S-video to output to a TV. This standard has been replaced by:

A. FireWire.
B. SCSI.
C. coaxial.
D. HDMI.

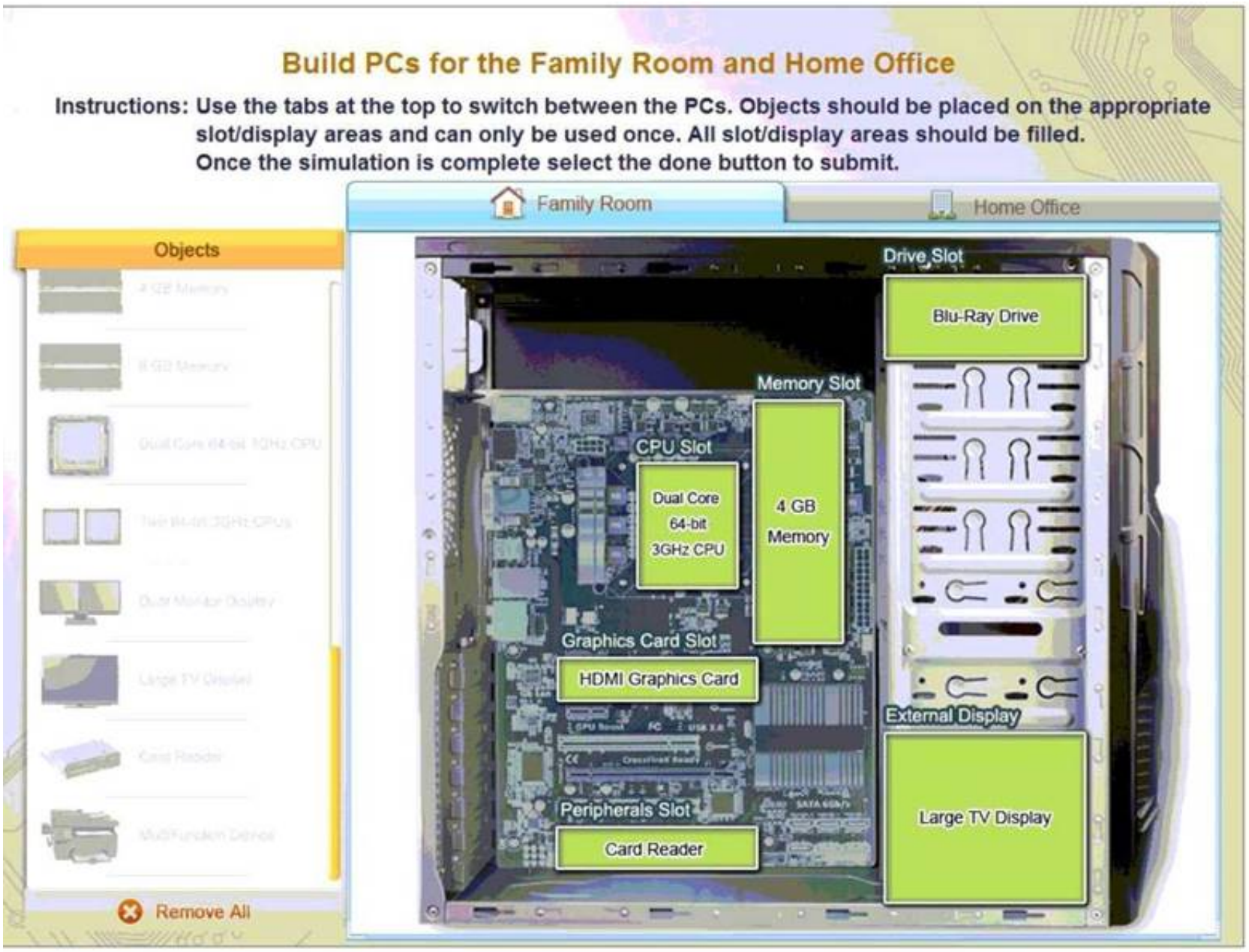
Answer: D

NEW QUESTION 245
A customer has requested two custom PCs, one for his family room and one for his home office. The family room PC will be used by all the family members and should be able to play high definition movies and show family pictures. The office PC is used for the customer's architectural design business and should be able to handle the intensive design work and multitasking the customer performs. The office PC must be configured with more power efficient computing than the family room PC.
Instructions: Use the tabs at the top to switch between the PCs. Objects should be placed on the appropriate slot/display areas and can only be used once. All slot/display areas should be filled. Once the simulation is complete select the done button to submit.
Build PCs for the Family Room and Home Office

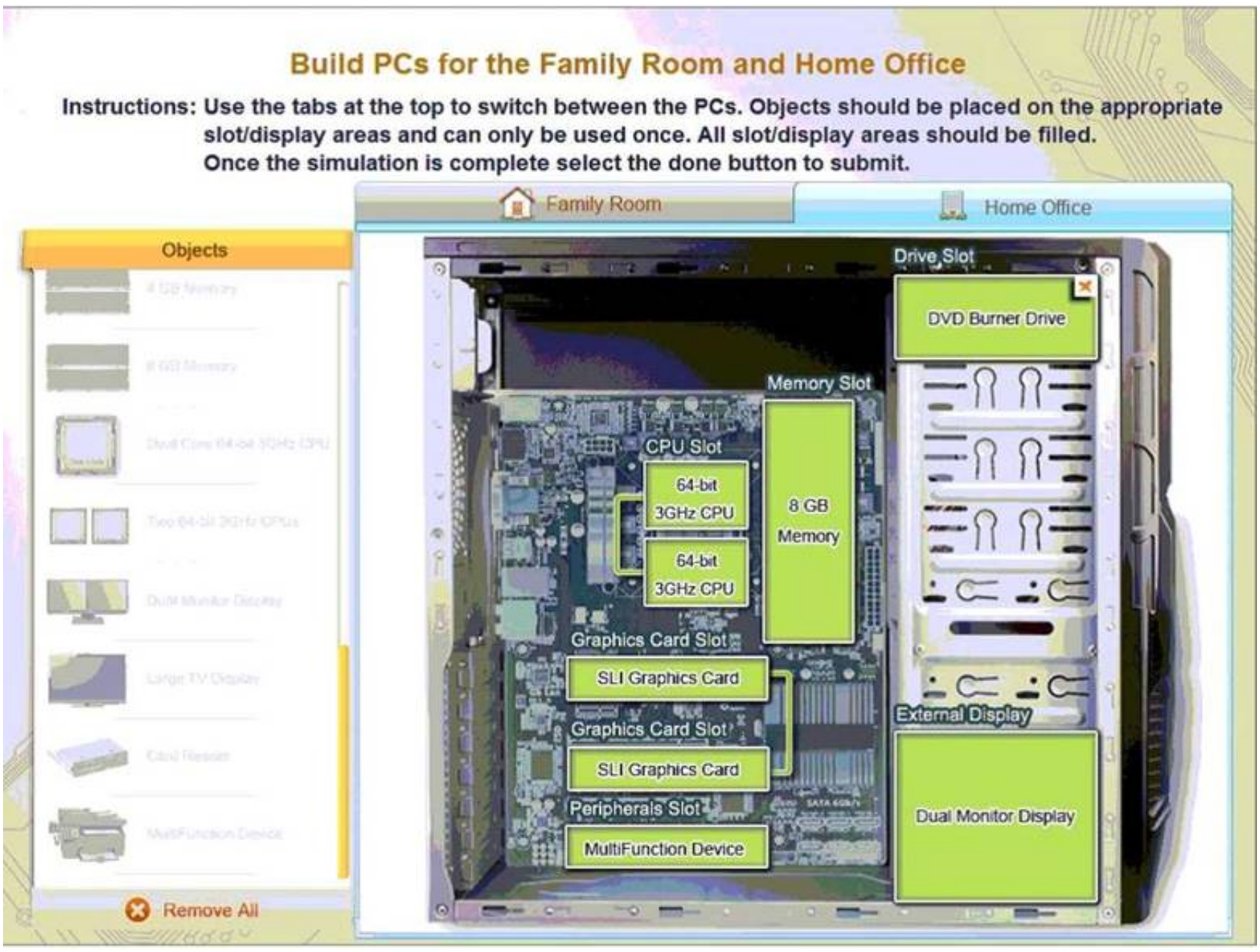


Answer:

Explanation:



Home Office



NEW QUESTION 246
A technician is installing a wireless router to be used as an access point. The company firewall will assign IP addresses to devices on the wireless network. Which of the following settings does the technician need to disable on the wireless router to accomplish this?

A. NAT
B. DMZ
C. PAT
D. DHCP

Answer: D

NEW QUESTION 247
A technician arrives in Germany and discovers that when their PC is plugged into the outlet, no power is received. Which of the following actions should the technician take to get the PC to operate?

A. Change the BIOS settings to the local time
B. Adjust the voltage selector switch
C. Attach a 220-volt power strip from the current region to the PC
D. Attach a 120-volt battery backup power supply to the PC

Answer: B

NEW QUESTION 250
A user wants to connect a laptop to the office LAN, charge the battery, and have a dual screen setup. Which of the following would BEST solve this user's requirements?

A. Digitizer
B. Thunderbolt
C. Docking station
D. Desktop mode

Answer: C

NEW QUESTION 251
The Chief Executive Officer (CEO) of a company has requested outside access to a server within the company network so that sensitive documents can be worked on from home. Which of the following is the MOST appropriate tool to give the CEO the requested access?

A. VNC
B. Port forwarding
C. Port triggering
D. VPN

Answer: D

NEW QUESTION 253
Which of the following connectors can be used simultaneously for video, audio, and storage devices?

A. DVI
B. DisplayPort
C. HDMI
D. Thunderbolt

Answer: D

NEW QUESTION 255
Which of the following devices is used to convert initially audible signals into digital signals to provide communication between two endpoints?

A. Bridge
B. Fax machine
C. Repeater
D. Modem

Answer: D

NEW QUESTION 258
On an ATX motherboard, the 4-pin auxiliary power connector provides which of the following?

A. Additional power to onboard devices
B. Additional power to PCIx peripheral cards
C. Additional power to the South Bridge
D. Additional power to the CPU voltage regulator

Answer: D

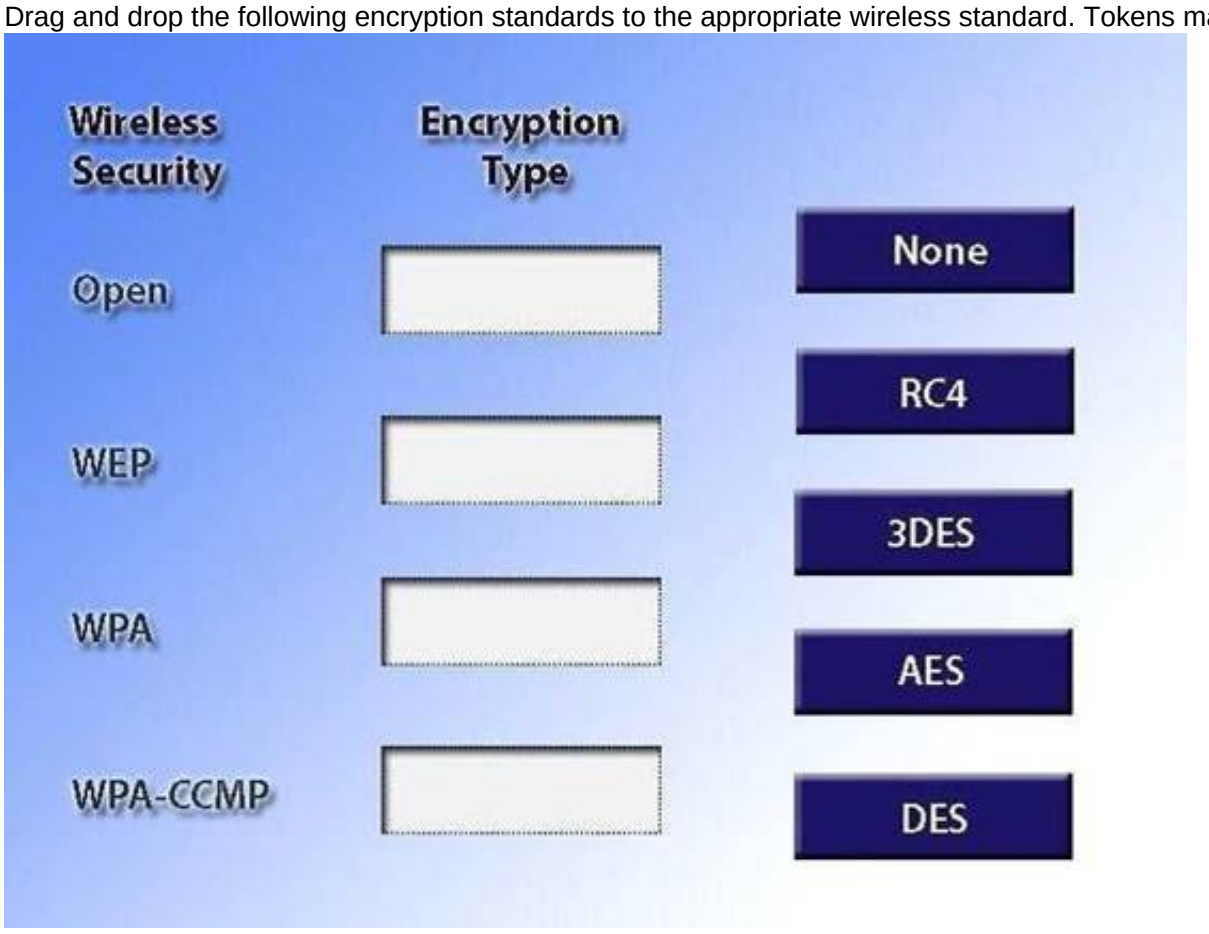
NEW QUESTION 263
A customer wants to be able to archive a large 15 to 20 GB project to optical media using a single disk. Which of the following should a technician recommend?

A. Blu-Ray writer
B. DVD-RW drive

C. Dual Layer DVD burner
D. CD-ROM burner

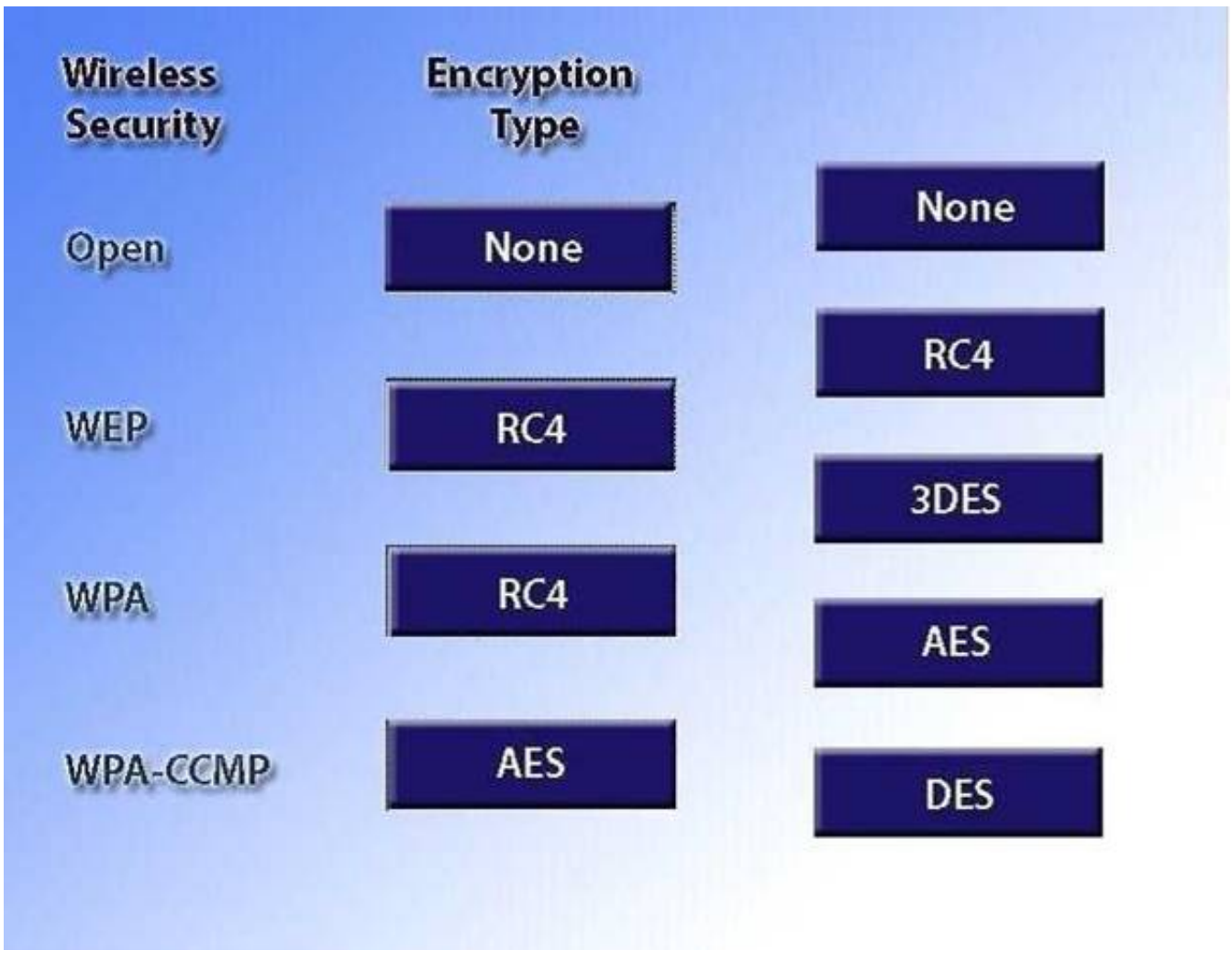
Answer: A

NEW QUESTION 265
Drag and drop the following encryption standards to the appropriate wireless standard. Tokens may be used more than once and all placeholders must be filled.



Answer:

Explanation:



NEW QUESTION 266
When installing a floppy drive data cable, it is important for a technician to ensure which of the following? (Select TWO).

A. Availability of compatible power connectors
B. Adequate hard drive capacity
C. Correct CPU clock speeds
D. Correct Master/Slave jumper settings
E. Proper orientation of the data cable

Answer: AE

NEW QUESTION 269
Which of the following uses a single connector to deliver both video and audio?

A. DVI
B. Serial
C. VGA
D. HDMI

Answer: D

NEW QUESTION 272
A home user's PC has an over-clocked CPU with a relatively small heat sync, small fans on the 800W power supply, and a high-end video card. Which of the following is the recommended solution that will manage heat more effectively?

A. Replace the CPU heat sync with a high RPM fan
B. Purchase an energy efficient power supply
C. Not over-clocking the CPU
D. Liquid cooling system

Answer: D

Explanation: http://computer.howstuffworks.com/liquid-cooled-pc.htm

NEW QUESTION 276
Which of the following would allow for multiple computers to share a display and input devices?

A. AGP video adapter
B. KVM switch
C. Portable TDR
D. PCI video adapter

Answer: B

NEW QUESTION 278
Which of the following adapters causes the LEAST amount of signal loss?

A. VGA to DVI
B. HDMI to VGA
C. DVI to HDMI
D. S-video to RCA

Answer: C

NEW QUESTION 279
Activity logs show a large amount of data downloaded from a company server to an employee's workstation overnight. Upon further investigation, the technician identifies the data as being outside the scope of the employee's regular job functions. Which of the following steps should the technician take NEXT?

A. Report through proper channels
B. Document the changes
C. Continue to track more evidence
D. Preserve the chain of custody

Answer: A

Explanation: This is the breach of security. You need to report through proper channel to the senior management about this breach. You can report to your supervisor and he/she can report to higher authorities for further investigation.

NEW QUESTION 283
A user wants pages 1-5 separated from 6-8 when they are retrieved from the printer. Which of the following settings would the user change in the print job to ensure the pages are separated?

A. Duplex
B. Collate
C. Orientation
D. Quality

Answer: B

NEW QUESTION 287
Which of the following wireless technologies is LEAST likely to be intercepted by a third party?

A. NFC
B. Bluetooth
C. WiFi

D. Cellular

Answer: A

NEW QUESTION 290
Ann, a user, wants to host a gaming server on her SOHO network. Which of the following features on the SOHO router would need to be configured?

A. Channels
B. DHCP
C. Port forwarding
D. Firmware

Answer: C

NEW QUESTION 293
Users have started calling the helpdesk reporting they cannot access resources on the network or the Internet. A technician has verified all hardware connections are operational. Which of the following settings should the technician check NEXT on the router?

A. SNMP
B. NNTP
C. DHCP
D. WLAN

Answer: C

NEW QUESTION 294
Which of the following is the MAXIMUM number of unique IP addresses on an IPv4 Class A network?

A. 254
B. 65 Thousand
C. 16.3 Million
D. 340 Trillion

Answer: C

NEW QUESTION 297
A technician has a work order to install a USB 3.0 expansion card into a PC. The expansion card is a PCI Express 1.1 compliant card and the motherboard has one PCI Express 2.0 slot available. Which of following BEST represents the compatibility between the hardware?

A. It will not install correctly, and the PCI slot is already being used by the video card.
B. It will install correctly to the PCI Express slot onto the motherboar
C. The card should function correctly, as the PCI Express 2.0 slot is backwards compliant.
D. It will not install correctly into the PC, as the 1.1 and 2.0 slots are not compatible.
E. It will install correctly, but the card will not operate as the PCI Express 1.1 and the PCI Express 2.0 standards are completely different.

Answer: B

NEW QUESTION 298
Which of the following components of a motherboard is responsible for communications between CPU and RAM?

A. North Bridge
B. South Bridge
C. PCIe slot
D. CMOS battery

Answer: A

NEW QUESTION 299
A technician installs a new video card in a desktop with onboard video. The technician boots the unit but sees no display. The monitor power light is on and the OS seems to be loading. Which of the following is the MOST likely cause?

A. The display is defective.
B. The video card needs to be flashed.
C. The internal adapter has not been disabled.
D. The new video card is defectiv

Answer: C

NEW QUESTION 302
A technician has been tasked with designing a new printing solution for a small team. They want to be able to use a central printer from their shared workspace as well as the conference room next door. Which of the following connection methods would BEST suit their need?

A. USB
B. Infrared (IR)
C. Bluetooth

D. Wireless

Answer: D

NEW QUESTION 306
Which of the following versions of Windows XP would a technician MOST likely install for a small business?

A. Windows XP Professional 64-bit
B. Windows XP Professional
C. Windows XP Media Center
D. Windows XP Home

Answer: B

NEW QUESTION 309
Multicast addresses fall in which of the following classful address ranges?

A. Class A
B. Class B
C. Class C
D. Class D
E. Class E

Answer: D

NEW QUESTION 313
Ann is cleaning the printer pickup rollers and spills the cleaning fluid on her leg. In which of the following would she find the proper way to cleanup the spill?

A. Inventory spreadsheet
B. MSDS
C. Project management plan
D. EULA

Answer: B

NEW QUESTION 314
A user's iPhone will not power on. Which of the following should the technician do FIRST to isolate the problem?

A. Plug the phone into a known good charger
B. Remove and reseat the battery
C. Replace the screen glass assembly
D. Replace the battery and charge the phon

Answer: A

NEW QUESTION 318
A new company is thinking of upgrading its media workstation in the conference room. The computer will be predominantly used for graphically intensive presentations, slideshows, and video gaming tournaments. Which of the following BEST satisfies the needs of the company?

A. High-end video, high-end audio, multicore processor
B. Minimum RAM required, network connectivity, high-end cooling
C. Media streaming, file sharing, gigabit NIC, dual monitors, TV tuner
D. Network connectivity, TV tuner, surround sound audio, dual monitors

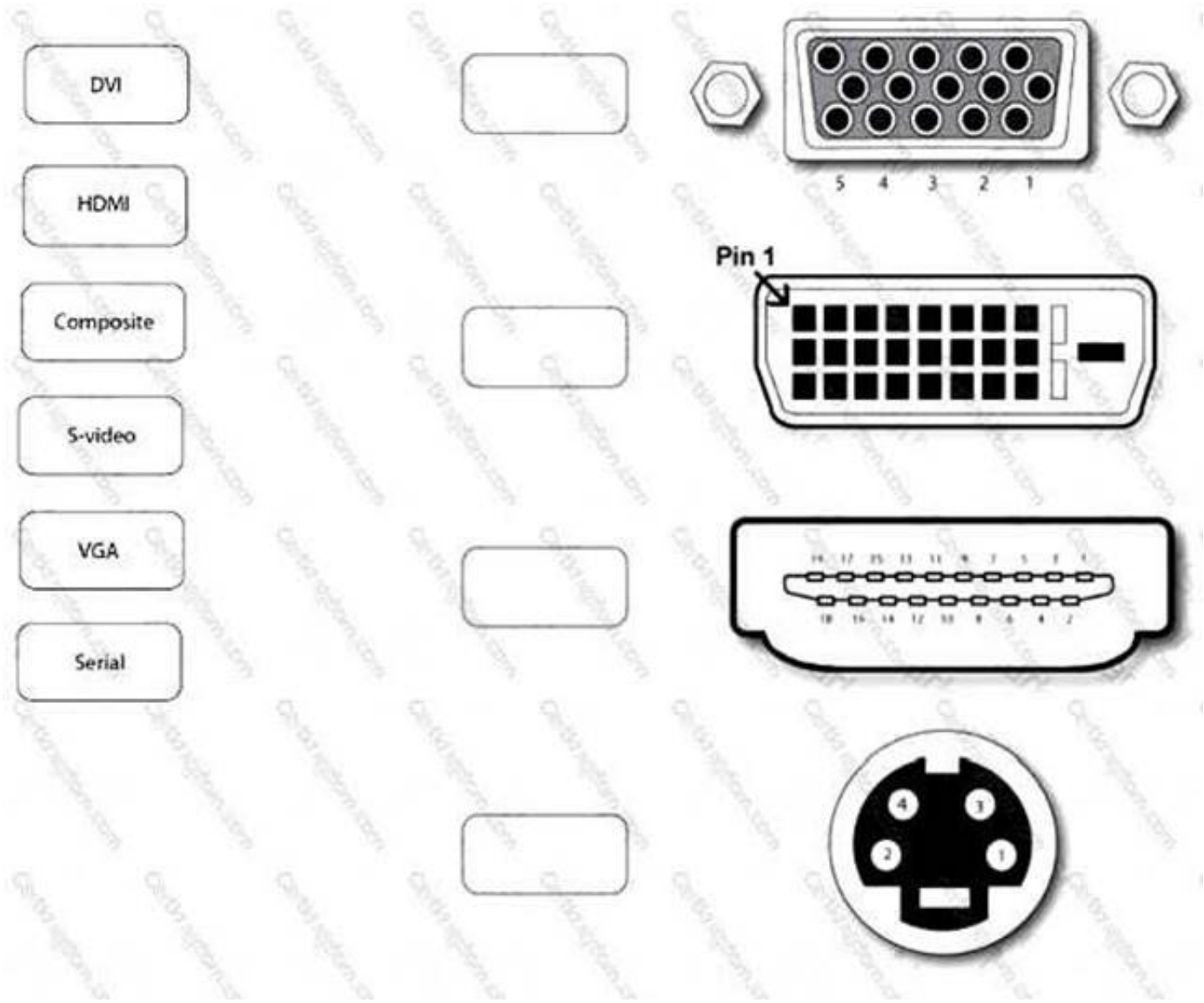
Answer: A

NEW QUESTION 323
Which of the following are the BEST features to include in a Home Theater PC? (Select TWO).

A. Liquid Cooling
B. VGA Output
C. Dual Monitors
D. Digital Audio
E. HDMI Output
F. NFC Capability

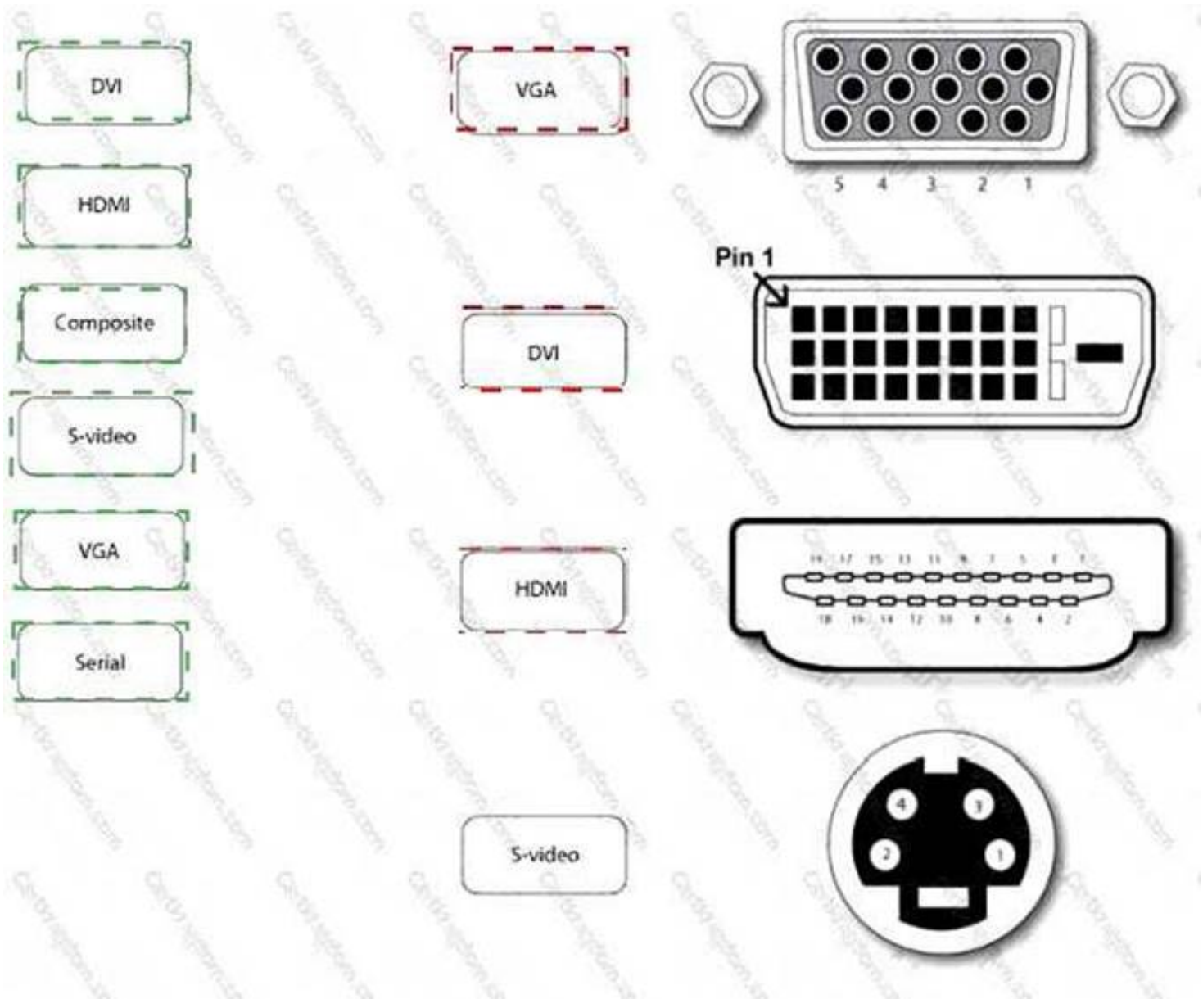
Answer: DE

NEW QUESTION 324
Place the appropriate token next to each graphic.



Answer:

Explanation:



NEW QUESTION 326
Which of the following laser printer components will flip the paper to allow for printing on both sides?

A. Paper registration assembly
B. Paper pickup assembly
C. Duplex assembly
D. Image transfer belt

Answer: C

NEW QUESTION 331
A company wants to conserve paper without limiting the ability to print. Which of the following settings needs to be configured?

A. Orientation
B. Duplex
C. Collate
D. Quality

Answer: B

NEW QUESTION 332
Ann, a user, boots her laptop and notices the screen flashes then turns black. It was working during her presentation yesterday. Which of the following troubleshooting steps should be completed?

A. Use a multimeter to test voltage.
B. Replace the laptop with a new one.
C. Replace the battery.
D. Connect an external display devic

Answer: D

NEW QUESTION 334
Most notebook PCs have their WiFi antenna located in the:

A. LCD.
B. WiFi card.
C. I/O area.
D. top cove

Answer: D

NEW QUESTION 337
A technician wants to install a secondary IDE drive which will be configured for additional user storage on the same IDE channel of the drive with the operating system. Which of the following jumper configurations should the technician use for the additional drive, if the drive with the operating system is set to MA?

A. Place a jumper on both the MA and CS jumper block of the secondary drive.
B. Place a jumper on the MA jumper block of the secondary drive.
C. Place a jumper on both the SL and CS jumper block of the secondary drive.
D. Place a jumper on the SL jumper block of the secondary driv

Answer: D

NEW QUESTION 339
Which of the following is an advantage of an IPv6 network?

A. Virtually unlimited number of network addresses
B. Backwards compatible with all network devices and operating systems
C. Less security concerns
D. Higher available speed

Answer: A

NEW QUESTION 343
A user, Joe, is watching a training education video and notices dark pin-sized dots in the same location on his laptop LCD screen. Which of the following is the cause of this issue?

A. Distorted image
B. Dead pixels
C. Pixelation
D. Incorrect color palette

Answer: B

NEW QUESTION 347
A technician is trying to install a full-size PCI card into a slim line desktop PC. Which of the following would MOST likely be required to facilitate installation?

A. RAID card
B. CNR card
C. Riser card
D. MCA card

Answer: C

NEW QUESTION 351
A network administrator has a requirement to implement a WiFi hot-spot for the public. Which of the following should be used for secure access?

A. WEP and TKIP
B. WPA2 and AES
C. WPA and static IPs
D. WPA2 and MAC filtering

Answer: B

NEW QUESTION 352
Which of the following is a standard Intel processor socket type?

A. F
B. 754
C. 940
D. LGA

Answer: D

NEW QUESTION 357
Which of the following RAM types is used if it is labeled as 4 GB PC1333?

A. RAMBUS
B. DDR3
C. SDIMM
D. SIM

Answer: B

NEW QUESTION 361
Which of the following network cable types has the longest range?

A. CAT5e
B. Single-mode fiber
C. Multi-mode fiber
D. CAT6

Answer: B

NEW QUESTION 365
After setting up a new computer, a user states that the mouse and keyboard will not work. Which of the following is the MOST likely reason?

A. The network cable is disconnected
B. The PS/2 connectors are switched
C. The USB connectors are switched
D. The hard drive is unplugged

Answer: B

NEW QUESTION 367
Which of the following MUST be configured when trying to start a machine with a DVD?

A. TPM
B. Virtualization support
C. BIOS security
D. Boot order

Answer: D

NEW QUESTION 368
A server has been configured behind a firewall and a website has been deployed, but customers are unable to access the website. Which of the following should the technician do to ensure the customers can access the site?

A. Place server in DMZ.
B. Change DHCP settings.
C. Enable port forwarding.
D. Adjust QoS setting

Answer: C

NEW QUESTION 372
A user is unable to show an Android smartphone display on a TV. Which of the following settings should the technician check to resolve this issue?

A. Multi-window

B. Air view
C. Air browse
D. Screen mirroring

Answer: D

NEW QUESTION 376
A PC has been randomly rebooting several times a day. The technician checks the case for overheating and finds the fans appear to be operating normally. Which of the following should the technician check NEXT?

A. The motherboard for any sign of swollen capacitors
B. The disk drive to determine if it is defragmented and operating properly
C. The embedded NIC to ensure it has the latest firmware and drivers
D. The RAM to confirm it is the correct type for the motherboard being used

Answer: A

NEW QUESTION 381
Which of the following allows for audio and video connections using a single cable?

A. HDMI
B. Parallel
C. DVI-A
D. eSATA

Answer: A

NEW QUESTION 384
A user reports the cursor jumps around when typing in documents on a new laptop. Which of the following is MOST likely causing the issue?

A. Touchpad settings
B. Screen calibration
C. Incompatible software
D. Unsigned hardware

Answer: A

NEW QUESTION 386
Which of the following is used to provide secure file storage to network users only?

A. NAS
B. IMAP
C. SAN
D. SSH

Answer: A

Explanation: http://searchstorage.techtarget.com/definition/network-attached-storage

NEW QUESTION 390
Drag the components from the list and place them in correct devices.

Answer:

Explanation:

NEW QUESTION 395
To configure two drives for MAXIMUM performance, which of the following RAID types should be used?

A. RAID 0
B. RAID 1
C. RAID 5
D. RAID 10

Answer: A

NEW QUESTION 396
Which of the following panel types would allow for the THINNEST possible display monitor?

A. LED
B. CRT
C. DLP
D. Plasma

Answer: A

NEW QUESTION 401
Which of the following would typically require the use of a punchdown tool to connect a cable to the network switch?

A. Router
B. Repeater
C. Patch panel
D. PoE injector

Answer: C

NEW QUESTION 405
A user is trying to use Remote Desktop to connect to another computer on the LAN. The connection fails. The technician opens up a command prompt and types the following "telnet computername 3389" and also gets the same error message. Which of the following is the MOST likely cause of this error, assuming that the OS firewall has been disabled?

A. The antivirus software is blocking the incoming connection.
B. The ISP is blocking Remote Desktop at their end.
C. The RDP connection has been configured to use a non-standard port.
D. The telnet service has not been installe

Answer: C

NEW QUESTION 409
Joe's company just moved into a new building, and the company's management is very concerned about proper equipment grounding. Which of the following risks are they attempting to mitigate by grounding equipment?

A. Security breaches
B. Electrical shock
C. Chemical burns
D. Equipment theft

Answer: B

NEW QUESTION 414
A network technician connects a tone generator to an RJ-45 drop. Which of the following is the MOST likely reason for doing this?

A. To validate proper wiring of the network jack
B. To confirm continuity of the conductors
C. To locate the position of the cable on a patch panel
D. To test the transmission quality of the connection

Answer: C

NEW QUESTION 419
A technician has been asked to install a printer on a Windows XP machine. Through which of the following Control Panel utilities will the technician install the printer?

A. Printers and Devices
B. Devices and Printers
C. Printers and Faxes
D. Devices

Answer: C

Explanation: http://wiki.answers.com/Q/In_Windows_XP_how_do_you_open_the_Printers_and_Faxes_win dow

NEW QUESTION 423
Which of the following helps law enforcement show accountability for evidence as it was gathered?

A. Drive hashing
B. Chain of custody
C. Drive image creation
D. Court subpoena

Answer: B

NEW QUESTION 426
Which of the following operating system types will allow a user to utilize 16GB of RAM if installed on a PC workstation?

A. 8-bit
B. 16-bit
C. 32-bit
D. 64-bit

Answer: D

NEW QUESTION 427
A bank wants to maximize the security of employee computer data displayed on their screen. Which of the following would BEST accomplish these goals?

A. Keyboard filters
B. Privacy filters
C. Screensavers
D. Secure display drivers

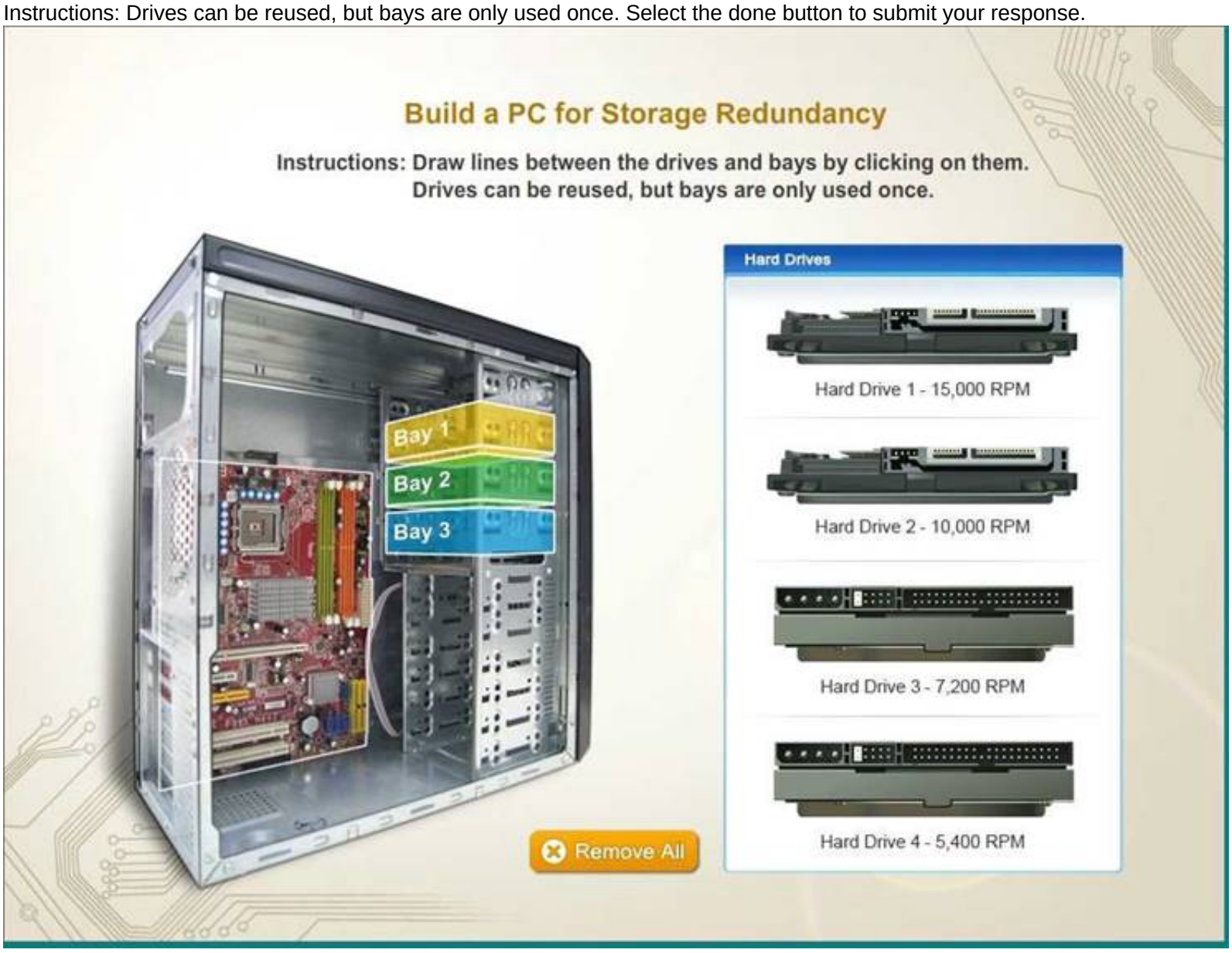
Answer: B

NEW QUESTION 430
Which of the following is an advantage of UDP over TCP?

A. It is connection based.
B. It uses flow control.
C. It transfers packets faster.
D. It uses connection handshake

Answer: C

NEW QUESTION 431
You would like to build a PC for storage redundancy. Select the appropriate IDE drives and build the PC for MAXIMUM performance, while using the MINIMUM amount of drives.
Instructions: Drives can be reused, but bays are only used once. Select the done button to submit your response.



Answer:

Explanation:

NEW QUESTION 436
Which of the following translates digital signals into analog for transmission over phone lines? A. SAN

A. VoIP
B. Modem
C. Bridge

Answer: C

NEW QUESTION 439
Which of the following Internet connection types has the HIGHEST latency?

A. WiMAX
B. Satellite
C. Fiber
D. Dial-up

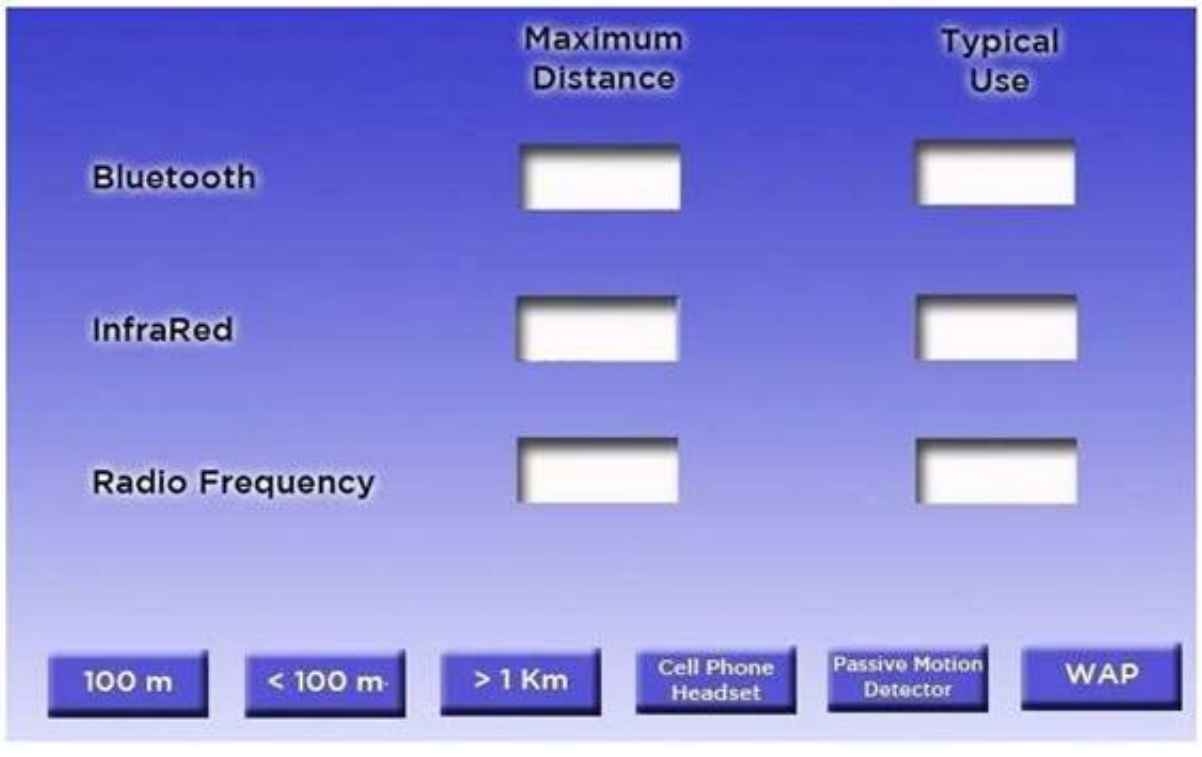
Answer: B

NEW QUESTION 440
Which of the following devices transmits data to all ports regardless of final destination?

A. Firewall
B. Router
C. Switch
D. Hub

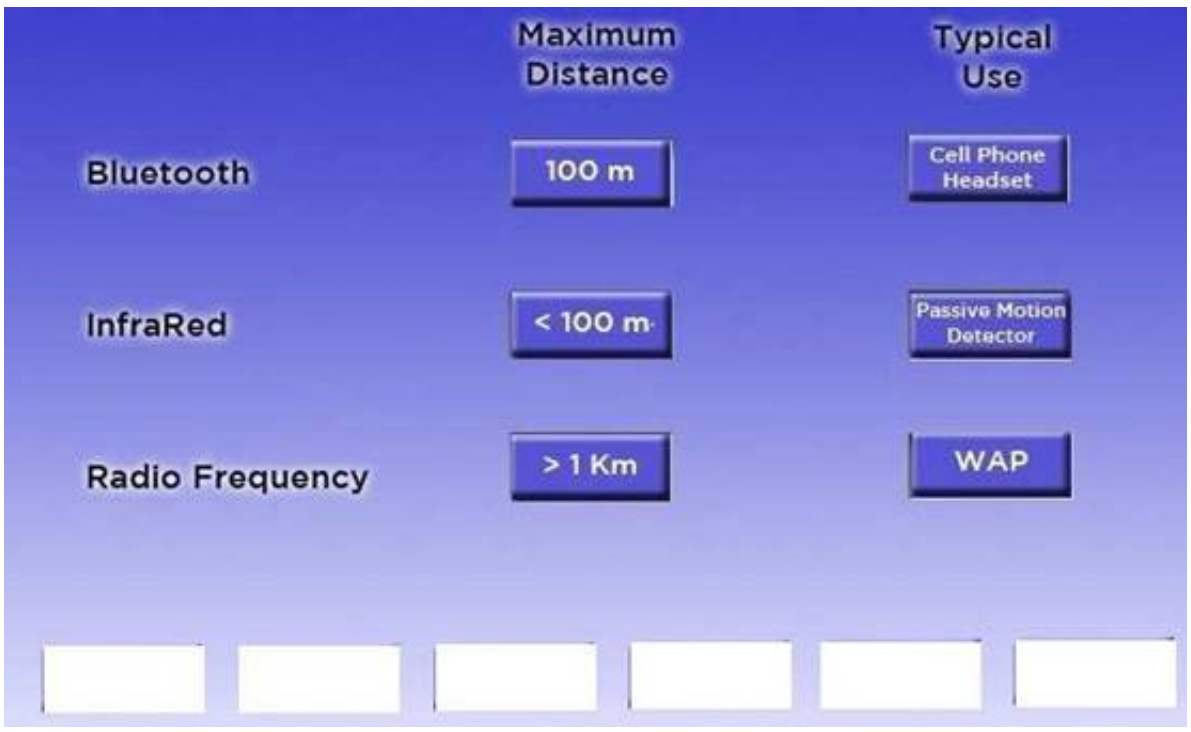
Answer: D

NEW QUESTION 443
Place the appropriate token next to each graphic.



Answer:

Explanation:



NEW QUESTION 447
A technician is troubleshooting an expansion card in a computer that allows the computer to receive faxes over a VoIP line. The telephone line connected to the expansion card is MOST likely which of the following cable types?

A. Coaxial
B. CAT3
C. CAT6
D. Multi-mode fiber
E. Single-mode fiber

Answer: C

NEW QUESTION 448
Which of the following printer types requires calibration to ensure the nozzle is adjusted to print properly?

A. Impact
B. Inkjet
C. Laser
D. Thermal

Answer: B

Explanation: http://computer.howstuffworks.com/inkjet-printer.htm

NEW QUESTION 449
A laser multi-function device in an office is able to scan documents, but users are reporting that when they try to make copies they receive an error. Which of the following troubleshooting steps should a technician try FIRST?

A. Apply a new preventative maintenance kit.

B. Ensure the MFD is connected and on the network.
C. Replace all empty ink cartridges in the MFD.
D. Check the toner level to see if it is lo

Answer: D

NEW QUESTION 453
A user wants to enable hands-free for a smartphone in a car. Which of the following needs to be performed?

A. Enable WiFi
B. Driver installation
C. Device pairing
D. Enable NFC

Answer: C

NEW QUESTION 454
A customer asks a technician to upgrade a desktop computer to support the DVI-D interface. Which of the following PC expansion cards would the technician upgrade?

A. FireWire card
B. Network card
C. Thunderbolt card
D. Video card
E. Sound card

Answer: D

NEW QUESTION 456
Which of the following monitor technologies provide the widest viewing angle with rich colors and consistent backlighting? (Select TWO).

A. Light Emitting Diode
B. In-Plane Switching
C. Plasma
D. Twisted Nematic
E. Cold Cathode Fluorescent Lamp

Answer: AB

NEW QUESTION 460
A technician needs to boot a PC from a USB drive. Which of the following settings should be disabled to accomplish this task?

A. Fast Boot
B. UEFI Admin Password
C. Secure Boot
D. Legacy Boot

Answer: C

NEW QUESTION 462
A technician is building a custom gaming computer. Which of the following is the FASTEST memory the technician can use?

A. DDR2 CAS7
B. DDR3 CAS9
C. DDR3 CAS10
D. DDR3 CAS11

Answer: B

NEW QUESTION 467
A technician is notified of an inkjet printer not printing properly. The user's computer has the printer software loaded and is not displaying any errors. A test print was performed, with one of the colors not printing properly. Which of the following would the technician typically perform FIRST to resolve the issue?

A. Replace cartridges
B. Run a cleaning page
C. Clean heads
D. Clean fuser assembly

Answer: C

NEW QUESTION 468
A computer technician wants to boot up a computer using a USB flash drive. After inserting the USB drive and powering on the computer, it does not boot to the flash drive and instead boots to the OS on the hard drive. Which of the following is MOST likely the cause?

A. The boot order in the BIOS is incorrect

B. The hard drive is not formatted
C. There is a disc in the optical drive
D. There is insufficient memory

Answer: A

NEW QUESTION 471
RAID 5 requires a minimum of how many hard drives?

A. 1
B. 2
C. 3
D. 4

Answer: C

NEW QUESTION 474
A user is having problems printing. The technician believes the printer may be out of ink. Which of the following troubleshooting steps should be performed NEXT?

A. Establish a plan of action to resolve the problem
B. Implement the solution
C. Test the theory to determine cause
D. Verify full system functionality

Answer: C

NEW QUESTION 476
Which of the following is the MAXIMUM number Mb audio files that a user can store on a CD- RW?

A. 50
B. 70
C. 100
D. 120

Answer: B

NEW QUESTION 481
A brand new datacenter has been wired with all CAT6a wiring. A technician has been tasked to immediately install and boot up an already configured mission critical file server. Prior to turning the server on, the technician realizes that they had brought CAT5e patch cords by mistake. Which of the following should the technician do?

A. Install the CAT5e cable, boot the server and then return and replace it later.
B. Inform the customer and recommend temporarily using the CAT5e cable.
C. Install the CAT5e cable, document the installation and leave the premises.
D. Inform the customer that the server will be available as soon as a CAT6a cable is acquire

Answer: B

NEW QUESTION 485
A group of users need to connect directly to a printer with continuous access. Which of the following connection types will achieve this?

A. Serial
B. Ethernet
C. USB
D. eSATA

Answer: B

NEW QUESTION 489
Which of the following types of device cable types are used to connect output devices such as printers and scanners?

A. Parallel
B. eSATA
C. IDE
D. PATA

Answer: A

NEW QUESTION 491
The contrast ratio for an LCD monitor is BEST defined as the ratio between:

A. display resolution and brightness.
B. power consumption and output intensity.
C. power savings of a comparable CRT monitor and the LCD.
D. the darkest and lightest displayed outpu

Answer: D

NEW QUESTION 493
Laser printers and thermal printers both use a heating element to function. Which of the following differentiates them?

A. Laser printers require a liquid pigment.
B. Thermal printers use device specific stock.
C. Laser printers do not require thermal toner.
D. Thermal printers utilize refillable heat tone

Answer: B

NEW QUESTION 496
A technician is tasked with setting up a workstation in a new location. The technician realizes there is no network connectivity and the workstation's NIC does not have a link light. Given the connection in the wall is correctly labeled, which of the following would be BEST for the technician to use NEXT?

A. A multimeter
B. A tone generator
C. A cable tester
D. A punchdown tool

Answer: C

NEW QUESTION 498
Which of the following technologies can be accessed through the DisplayPort? (Select TWO).

A. USB
B. SATA
C. DVI
D. FireWire
E. HDMI

Answer: CE

NEW QUESTION 499
Which of the following standards is an expansion card slot used only for graphics?

A. PCIe
B. AGP
C. PCI
D. miniPCI

Answer: B

NEW QUESTION 502
Joe, a user, wants to modify the fan speed settings on his PC. Which of the following locations allows the fan speed settings to be changed?

A. BIOS
B. Device Manager
C. Motherboard Jumpers
D. Computer Management

Answer: A

NEW QUESTION 505
A customer wants to connect a laptop to a mobile device's Internet for use in situations where there is no Internet connectivity. Which of the following technologies would the technician recommend to the customer?

A. IR
B. NFC
C. Hotspot
D. Lightning

Answer: C

NEW QUESTION 510
Which of the following devices uses MAC tables to allow multiple computers to access a single network connection?

A. Hub
B. Firewall
C. VoIP
D. Switch

Answer: D

NEW QUESTION 515
Ann, a user, brings her laptop in and reports that it is no longer charging. Additionally, the laptop can no longer stay powered on even when plugged in. Which of the following hardware components is MOST likely in need of replacement?

A. Hard drive
B. Memory modules
C. System fan
D. Wireless card
E. System board

Answer: E

NEW QUESTION 519
A user is attempting to print a color document but it will not print in color. Which of the following should the technician do FIRST to fix the problem?

A. Reset printer IP address.
B. Change color toner cartridge.
C. Check grayscale setting.
D. Reinstall printer drive

Answer: C

NEW QUESTION 524
Joe, a user, has a new slim profile laptop and is in need of additional USB ports. He has also requested FireWire connection capabilities which his laptop does not provide. Which of the following would BEST fit the specifications Joe has provided?

A. A docking station
B. An external USB hub
C. A USB to FireWire converter
D. A cable lock

Answer: A

NEW QUESTION 528
A user is reporting that a desktop computer with a RAID 1 array is running slowly. Upon performing a reboot, the technician sees S.M.A.R.T. errors during boot up. Which of the following tools would the technician use FIRST to troubleshoot the errors?

A. diskpart
B. chkdsk
C. format
D. clean

Answer: B

NEW QUESTION 530
A technician has just installed a new SOHO router. There are four people sharing the Internet connection, and whenever one specific user comes online and begins streaming media, browsing slows down for the other users. Which of the following settings can the technician adjust so the experience is universal for all users?

A. DSL
B. QoS
C. VNC
D. WAN

Answer: B

NEW QUESTION 534
An older laptop does not have Wi-Fi capability but has some rectangular slots on its side. Which of the following is the port that would take a Wi-Fi card in this laptop?

A. SODIMM
B. PCMCIA
C. SD
D. Compact flash

Answer: B

NEW QUESTION 536
Which of the following BIOS level settings allow an administrator to view warnings on possible hardware level changes?

A. Drive lock
B. Intrusion detection
C. BIOS password
D. Trusted platform module

Answer: B

NEW QUESTION 541
A customer needs a router that will be able to handle all incoming and outgoing networking traffic independent of the rest of the building. The customer would like the PCs to immediately connect to the Internet and network resources without any additional configuration. Which of the following should the technician do to meet the requirements?

A. Configure the router for DHCP.
B. Configure the router for NAT.
C. Configure the router for port forwarding.
D. Configure the router for Qo

Answer: A

NEW QUESTION 546
Which of the following should a technician do NEXT after reporting an incident?

A. Delete the content
B. Confiscate the PC
C. Go back to work
D. Document the incident

Answer: D

NEW QUESTION 548
Which of the following is the maximum throughput of a USB 3.0 connection?

A. 800 Mbps
B. 3 Gbps
C. 4.8 Gbps
D. 10 Gbps

Answer: C

NEW QUESTION 551
A technician is tasked with selecting components to build a computer that will be used for computer-aided drafting and computer aided modeling. Which of the following components are the BEST choices? (Select TWO).

A. Triple channel memory
B. MIDI sound card
C. Socket 1156 motherboard
D. Onboard graphics
E. Socket 1366 CPU

Answer: AE

NEW QUESTION 554
Which of the following devices can be used to merge traffic between two different network topologies?

A. Hub
B. Bridge
C. Switch
D. Access point

Answer: B

NEW QUESTION 557
Which of the following cable types should always be used through life safety areas?

A. PVC
B. Plenum
C. STP
D. Fiber

Answer: B

Explanation: Plenum cable is fire retardant. That's why it should be used through life safety areas. It doesn't produce hazardous smoke when burned.

NEW QUESTION 560
A user has purchased a new touch screen tablet and is reporting that the touch interface is extremely inaccurate and almost unusable. Which of the following actions should a technician take FIRST to resolve the issue?

A. Return the tablet to the manufacturer
B. Give the user a stylus to use
C. Calibrate the touch interface
D. Verify touch interface connectivity inside the screen

Answer: C

NEW QUESTION 561
A technician is installing new hard drives into a server and needs to set IDs to numbers ranging from 0-15. Which of the following types of drives is the technician installing?

A. SATA
B. SCSI
C. USB
D. EIDE

Answer: B

Explanation: http://en.wikipedia.org/wiki/SCSI

NEW QUESTION 562
A technician has noticed that a client has an unsecured wireless network. Which of the following IS the BEST security encryption type to protect the wireless network from intrusion?

A. WEP2
B. WEP
C. WPA2
D. WPS

Answer: C

NEW QUESTION 566
A customer would like to add a large form factor graphics card to a computer. Which of the following types of cards should be installed to accomplish this?

A. USB 3.0
B. Storage
C. FireWire
D. Riser

Answer: D

NEW QUESTION 571
When upgrading RAM in a laptop, which of the following would a technician need to check FIRST in the manufacturer's specification?

A. Compatibility between CPU and memory module
B. Maximum capacity and speed for the motherboard
C. Number of slots in use on the motherboard
D. Maximum capacity of each RAM module

Answer: C

NEW QUESTION 574
A user a call the help desk and states the LCD monitor is blurry and displaying muted colors. The help technician asks the user to power the monitor on and off to see if it receives the issue. The user still experiences the same issue. Which of the following tools can be used to resolve the issue?

A. Degausser
B. Loopback plug
C. Multimeter
D. OSD utility

Answer: D

NEW QUESTION 578
A network administrator is attempting to access the firewall while inside datacenter. Which of the following peripherals must be connected to do so?

A. KVM
B. Touchpad
C. Mouse
D. Keyboard

Answer: A

NEW QUESTION 581
A technician is deploying a wireless AP at a location where is not a power outlet nearby. Which of the following devices could supply enough power to the AP?

A. Stand switch
B. router
C. PoE injector
D. Repeater

Answer: C

NEW QUESTION 582
A technician is buying a laptop that will host three VMs running at the Same time with the current configuration. The technician believes there might be need to run several additional VMs in the near future Which of the following resources would be the MOST important to upgrade to allow for the additional VMs?

A. CPU
B. SSD
C. NIC
D. RAM

Answer: A

NEW QUESTION 586
A user of a high-end workstation requires a Blu-Ray re-writable drive to be installed The PC has available USB 2.0 ports, an Open expansion slot but no open drive bay. Which of the following would allow the Blu-Ray writer the FASTEST operational speed?

A. Install an eSATABDXL drive
B. Install a USB 30 card, and connect a BDXL drive
C. Connect the BDXL to a USB 2 0 port
D. Add an internal BDXL driv

Answer: B

NEW QUESTION 591
A customer brought a laptop with a cracked screen to a repair shop. The technician powered on the machine and verified the screen still worked. But the display was distorted and unusable. To adhere to best practices, Which of the following should the technician do? (Select THREE).

A. Ask the user to watch the procedure to ensure no mistakes are made.
B. Advise the customer to perform a full backup of the hard drive.
C. Connect a more experienced colleague to perform the repair.
D. Escalate to a manager before performing any repairs.
E. Document and label the disassembly procedure, including all hardware parts.
F. Use the appropriate hard tools to conduct the repairs and take ESD precautions.
G. refer to the manufacture resources for disassembly of the lapto

Answer: BDG

NEW QUESTION 596
A company decides to deploy customer-facing, touch-scan kiosks. The kiosks appear to have several open service ports that could potentially become compromised. Which of the following is the MOST effective way to protocol the kiosks?

A. Install an IDS to monitor all traffic to and from the kiosks.
B. Install honeypots on the network to detect and analyze potential kiosk attacks before they occur.
C. Enable switchport security on the ports to which the kiosks are connected to prevent network –level attacks.
D. Create a new network segment with ACLs, limiting kiosks' traffic with the internal networ

Answer: D

NEW QUESTION 600
Which of the following would allow a network technician to access files on remote system? (Select Two).

A. FTP
B. TFTP
C. VLSM
D. SIP
E. SMTP
F. IMAP

Answer: CD

NEW QUESTION 602
A technician is servicing a laptop that cannot an IP address. When the laptop receives an IP address, It receives if and cycle through replacement. The technician has replacement the cable, plugged into a known good network jack, and successfully a different laptop. Which of the following tools should the technician use NEXT?

A. Tone generator
B. Multimeter
C. Cable tester
D. Loopback plug

Answer: C

NEW QUESTION 607
A technician is troubleshooting a server RAID array that shows the following error: "DRIVE 0 Not Found"

Which of the following should be checked FIRST in this scenario?

A. SATA cable
B. HDD jumper settings
C. BIOS update
D. Boot sector configuration

Answer: D

NEW QUESTION 612
A network technician has recently installed new VoIP phones at all employees' desk a new SIP cloud VoIP solution. However, the technician is unable to make a call from the device after testing. Which of the following should the technician verify?

A. TCP 443 is allowed.
B. UDP 1720 is allowed.
C. UDP 5060 is allowed.
D. UDP 5061 is allowed.
E. TCP 8080 is allowed.
F. TCP 8181 is allowed.

Answer: EF

NEW QUESTION 616
A user needs a derive system the offers redundancy while providing the fastest read/write speed possible. Which of the following RAID configurations should a technician configure in the user's workstation?

A. 1
B. 5
C. 10

Answer: C

NEW QUESTION 619
A user reports that a laptop will not power on. A technician verifies that the battery and power adapter are functional, replaces the power button and its connector, and removes all external devices. Which of the following hardware components is MOST likely at fault?

A. Optical drive
B. Hard drive
C. Memory socket
D. SATA controller
E. System board

Answer: E

NEW QUESTION 622
A user has a PC with RAID configuration and reports slow computer performance. A technician uses the manufacture's diagnostic software, and the computer passes all tests. The technician then uses a defragmentation tool and hears clicking noises. Which of the following should the technician identify and replace?

A. Hard drive
B. System fan
C. SSD
D. RAID controller

Answer: A

NEW QUESTION 625
A user reports that a computer keeps shutting itself down. After troubleshooting, the technician determines the shutdowns occur whenever the computer is stressed, such as when the user is compiling a program in Visual Studio. Which of the following is MIOST likely the issue?

A. The Visual Studio program is corrupted and needs to be reinstalled.
B. The OS has not been updated recently and requires a reboot.
C. The video card and needs to be upgraded is run graphics -intensive applications.
D. The CPU overheating because of excessive dust buildup In the heat sink and the fa

Answer: D

NEW QUESTION 630
A network administrator has a change to point the new website to friendly name instead of an IP address. A developer does not want to wait for the change to replicate across the network. Which of the following could use to make friendly name work immediately?

A. ipconfig /a11
B. ipconfig / release
C. ipconfig /?
D. ipconfig /flushdns

Answer: D

NEW QUESTION 632
A technician has been asked to make recommendation on a server for home use. The server will store and stream video to other devices over the local network and should have some build-i data redundancy. Which of the following is MOST important meet the requirements? (Select TWO.)

A. Multiple display support
B. Gigabit NIC
C. Hardware RAIL 3
D. HDMI output
E. 7.1 surround sound
F. Compact form factor

Answer: AD

NEW QUESTION 636
A technician is surveying college's network equipment room and connectivity. Which of the following types of documentation does the technician need perform a detailed site survey? (Select THREE).

A. IDF/MDF documentation
B. Cable run label documentation
C. network configuration documentation
D. Performance baseline documentation
E. Standard operating procedure documentation
F. Change management documentation
G. Rack diagram documentation

Answer: BEG

NEW QUESTION 640
A user is looking for a top-of-the-line gaming computer but is prone to motion sickness. The user wants to ability to talk to players and participate in the game without the use of a keyboard.
Which of the following should the technician recommend? (Select TWO.)

A. Speakers
B. VR headset
C. Head
D. Projector
E. Game controller
F. Microphone

Answer: AE

NEW QUESTION 645
A consultant must be recommend a portable device that does not require WIFI access for video conferencing. Which of the following would the consultant MOST likely recommend?

A. Web camera
B. Smartphone
C. Smart watch
D. Smart glasses

Answer: B

NEW QUESTION 648
A customer is looking for a device with high brightness and contrast but can maintain battery life for at least a week. The device will be used exclusively to consume content. Which of the following device types would BEST meet these criteria?

A. Phablet
B. E-reader
C. Smartphone
D. Tablet

Answer: B

NEW QUESTION 650
Which of the following is a benefit DHCP over static addressing?

A. Every device will automatically be given a default gateway
B. It eliminates the possibility of duplicate MAC addresses
C. The device can be identified by a friendly name
D. The technician can monitor every device on the network

Answer: A

NEW QUESTION 651
A company is allowing its employees to use their personal computers, tables, and loT devices while at work. However, there are rules and guidelines to which employees must adhere. Which of the following documents applies to these employees?

A. NDA
B. SOP
C. BYOD
D. SLA

Answer: C

NEW QUESTION 654
Ann, a new employee within department, cannot print to any of the printers in the department or access any of the resources that others can access Internet. The network engineer has confirmed that Ann's account has been set the same as the others. There are no access lists restricting Ann's access. Which of the following could be the issue for this lack of access?

A. Duplex/speed mismatch
B. VLAN mismatch
C. DNS server issue
D. DHCP server issue
E. Spanning tree blocked ports

Answer: D

NEW QUESTION 657
A remote user has attempted to install a new wireless printer on a home network. The user can print to it when plugged into a USB cable from the laptop to the printer, however, the user cannot print wirelessly, A technician has remotely connected to the user's laptop to troubleshoot the issue. Which of the following is MOST likely the reason that the user cannot print wirelessly?

A. The printer does not have an IP address
B. The printer is low on toner.
C. The printer cannot access the network.
D. The laptop has the wrong print driver installe

Answer: A

NEW QUESTION 659
User has been terminated but is allowed to create a backup of personal files. The user has 5 2GB of data to save, the company has agreed to give the user a disk to store information. Which of the following should be issued to hold all of the information with the MAXIMUM amount of utilized Space?

A. DVD-RW
B. BD-R DL
C. DVD-R DL
D. BD-R

Answer: A

NEW QUESTION 664
Ann, a customer is in an area where internet connectivity is available. When trying to access a web page on her laptop, she receives a page cannot be found'' message. Which of the following is the FIRST key Ann should check to troubleshooting the internet connection?

A. Cellular function key
B. GPS function toggle
C. WLAN function toggle
D. Bluetooth function key

Answer: C

NEW QUESTION 666
A technician is replacing a filed SOHO router for a customer who has an existing switch, cable modern, and static IP address. The user has a web server that internet so users can visit and leave comments. Which of the following BEST describes the correct configuration for this customer's requirements?

A. The modern is place in plug mode, the router is placed behind the modern, and the web server is placed behind the router.
B. The router is placed in bridge mode, the modern is placed behind the router, and the web server is placed behind the modern.
C. The web server is placed in bridge mode, the router is placed behind the web server, and a the modern is place behindthe router
D. The switch is placed in bridge mode, the modern placed behind the switch, and the router is placed behind the moder

Answer: A

NEW QUESTION 667
An organization is preparing to make the switch from POST to a VoIP- based system. Which of the following should the network administrator configure on the router to ensure calls ate not distorted or disconnected?

A. QoS
B. NAT
C. DMZ
D. UPnP

Answer: B

NEW QUESTION 670
An end user reports to the information systems technician that a laptop hangs at the Windows logo for a Windows 7 pro laptop that was recently dropped. It is suspected that physical damage was caused by the drop. Which of the following is the BEST tool the technician should use to check the hard drive?

A. Windows Disk Management Utility
B. Third-party hard drive diagnostic software
C. The manufacture's hard drive diagnostic software
D. The laptop's built-in hardware diagnostics
E. Windows chkdsk utility

Answer: B

NEW QUESTION 671
A technician is troubleshooting a workstation's network connectivity and wants to confirm which switchport corresponds to the wall jack the PC is using. Which h off the following concepts would BEST help the technician?

A. Consistent labeling
B. Change management
C. Standard work instructions
D. Inventory management
E. Network baseline

Answer: B

NEW QUESTION 674
A user calls help desk regarding is problem connection a laptop to the internet. When the laptop plugged into the ..... there was no connection. The technician determines the external is not working. Which of the following should technician perform FIRST to troubleshoot the issue?

A. Ensure power connection are properly seated.
B. Ask the user to run virus malware retry.
C. Reseat the network connections and retry.
D. Advise the user to purchase a new docking statio

Answer: D

NEW QUESTION 678
Which of the following are characteristic of jumbo frames? (Select TWO).

A. Commonly used on SAN
B. NTU size greater than 1500
C. MTU size greater than 10000
D. Commonly used on laaS
E. MTU size greater than 12000

Answer: BD

NEW QUESTION 679
Which of the following internet connection types is MOST likely to use a coaxial connector?

A. Cable
B. DSL
C. Fiber
D. ISDN

Answer: A

NEW QUESTION 680
A user reports that a PC monitor does not look correct. The user tried adjusting the settings, but the on-screen appearance worsened. The technician inspects the monitor and notices the left and right sides are concave. Which of the following adjustments would MOST likely fix the monitors issue?

A. Centering
B. Gamma
C. Trapezoid
D. Pin cushion

Answer: D

NEW QUESTION 681
A technician wants to set up a computer to run multiple OSs at the same time. Which of the following should be enabled to improve performance?

A. Virtualization support
B. Multiboot partitions
C. Performance monitoring
D. Data execution prevention

Answer: A

NEW QUESTION 682
The digitizer of a modern laptop computer is used to:

A. encode analog audio into a digital format.
B. enable hands-free control of common laptop functions.
C. convert art created with an ink pen into a digital image.
D. identify the screen location touched by a use

Answer: C

NEW QUESTION 684
A technician determines that a laptop's internal network adapter is not working. An executive needs the laptop immediately for a presentation, and it requires network access. Which of the following is the BEST solution for the technician to offer to the executive?

A. USB to Thunderbolt
B. USB to WiFi dongle
C. USB to serial
D. USB to RJ-11 dongle

Answer: B

NEW QUESTION 686
Which of the following is networking stand-alone hardware that will permit any WiFi-compliant device to connect to a network?

A. Wireless hub
B. Wireless firewall
C. Wireless access point
D. Wireless bridge

Answer: C

NEW QUESTION 691
A technician is replacing a drive that recently failed in a RAID configuration. However, After installing the new drive, the OS cannot access the RAID array. Which of the following should the technician perform NEXT?

A. Update the firmware of the RAID controller.
B. Rebuilt the RAID array.
C. Install another hard drive.
D. Format all drives to the same file system

Answer: A

NEW QUESTION 694
A user states a PC keeps shutting down. The problem started this morning and now the PC powers off after a few minutes. The technician verifies that the PC plugged into a UPS and that the power fan functioning properly. During internet examination of the PC, while of the following should the technician check NEXT?

A. The thermal compound adequate.
B. The CPU cooling fan is working correctly.
C. The power cable is seated properly on the motherboard.
D. The power supply voltages are correc

Answer: B

NEW QUESTION 696
A customer built gaming PC is dropping frames while play a graphic intensive video game, making it unplayable. Which of the following should be ....reviewed as potential bottlenecks?

A. Amount of available RAM
B. Number of available IP addresses
C. Amount of free hard drive space
D. Number of hard drives
E. video card
F. Monitor refresh rate
G. Number of connected peripherals
H. Central processing unit

Answer: ACEF

NEW QUESTION 697
A technician set up a new SOHO network recently. The installed router has four Ethernet ports, however, the cluster has seven devices that need wired connections. Which of the following should technician do to BEST meet the cluster's requirements?

A. Install a six-port switch.
B. Configure port forwarding on the router.
C. Install WAPs near the devices.
D. Configure the switchports as EtherChannel port

Answer: C

NEW QUESTION 701
Which of the following is the BEST method to use to secure data while wirelessly connected to the Internet?

A. WPA2/AES
B. WPA2/TKIP
C. WEP
D. WPA

Answer: A

NEW QUESTION 704
The digitizer of a modern laptop computer is used to:

A. Encode analog audio into digital format.
B. enable hands-free control of common laptop functions.
C. convert art with an ink pen into a digital image.
D. identify the screen location touched by a use

Answer: D

NEW QUESTION 709
Which of the following types of network configurations would with a network speed across a large city MOST likely use?

A. PAN
B. WAN
C. MAN
D. LAN

Answer: C

NEW QUESTION 713
A security officer wants to eliminate username and password sharing on the network Which of the following technologies should be part of a potential solution?

A. Intrusion Prevention Systems
B. Encrypted File System
C. Bitlocker
D. Smart card readers

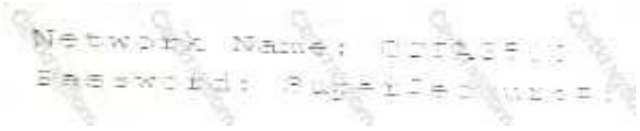
Answer: D

NEW QUESTION 717
Joe, a user, reports that his network speed IS slower then it used to be. Joe moved his desk to a new location, which is farther away from the wall jack
His phone and network cables were moved and the ports were not changed Joe's phone continues to function Which of would MOST likely cause Joe's slower than normal network speed?

A. The cable was extended with a coupler
B. The connections were not terminated properly.
C. The cable was experiencing RFI.
D. The switch port was not configured correctly

Answer: A

NEW QUESTION 720
A use from a remote office is trying to connect to corporate headquarters wireless network and is unable to find it. After calling the help desk, the user was given those credentials to connect to the network.
The user entire the credential as given and is still unable to connect to the wireless network. Which of the following should the user try FIRST to connect to the network?



A. Entire the SSID of the network manually
B. Check for the proper credentials
C. Install a new wireless card
D. Check another device can see the networ

Answer: A

NEW QUESTION 721
Which of the following connection types does a computer need to use a legacy KVM?

A. BNC

B. DB15
C. Coaxial
D. PS/2

Answer: C

NEW QUESTION 726
A customer is looking to increase the performance of an older computer by purchasing additional memory. Which of the following should the customer consider after reviewing the computer's motherboard specs?

A. A DDR3 module consumes more power than a DDR2 module.
B. The speed of the RAM module should be faster than the motherboard.
C. A 1333MHz RAM module will run faster when paired with a 1600MHz module.
D. RAM modules are not backward compatible for installation into older slot

Answer: D

NEW QUESTION 731
A user is working on a mobile workstation with a wireless mouse. The cursor around while the user is typing, And the user would like to prevent this occurring. Which of the following should be to solve this problem?

A. Built-in function keys
B. touchpad drivers
C. BIOS settings
D. Accessibility settings

Answer: D

NEW QUESTION 734
A remote employee has called the help desk asking how to print double-sided pages on a small office printer Which of the following should the help desk technician have the employee configure in the printer settings?

A. Collated printing
B. Duplex printing
C. Print spooling
D. Page orientation

Answer: B

NEW QUESTION 738
A technician replacing an older video card with a new high-end video card in a workstation. The installation was successful, the new card seated properly, and power is connected. However, upon booting, the computer now emits several beeps and will not boot, but shows no error messages.

A. The BIOS is out-of-date
B. There is not enough PSU output
C. There is an onboard RAM mismatch.
D. GPU is overclocked.
E. The firmware is out-of-date

Answer: A

NEW QUESTION 742
A second router installed on a network to be used as a backup for the primary router that works as a gateway. The infrastructure team does not want to change IP address of the gateway on the devices. Which of the following network components should be used in this scenario?

A. Loopback IP
B. Virtual IP
C. reserved IP
D. public IP

Answer: C

NEW QUESTION 744
A network administrator frequently needs to assist users with troubleshooting network hardware remotely, but the users are non-technical and unfamiliar network devices. Which of the following would BEST help the administrator and during hands-on troubleshooting?

A. Logical diagrams
B. MDF documentation
C. Equipment labeling
D. Standard operating procedures

Answer: C

NEW QUESTION 746
Which of the following resource is the MOST critical when cloud file-storage synchronization applications?

A. Disk speed
B. I/O bandwidth
C. Ram utilization
D. CPU utilization

Answer: B

NEW QUESTION 750
A user asks a technician to connect a laptop dock to a large external monitor. Which of the following connections would carry both audio and video with the HIGHEST quality?

A. USB 2.0
B. Displayport
C. DVI-Digital
D. DVI-Integrated

Answer: D

Explanation: https://www.kensington.com/us/us/6838/universal-laptop-docking-station-monitor-connection-guide

NEW QUESTION 751
A technician is tasked with connecting a digital display to a computer that requires a 4GB connection speed. Which of the following types of connection cables is sufficient for this requirement?

A. DVI-D
B. Thunderbolt
C. DVI
D. HDMI

Answer: D

NEW QUESTION 753
Which of the following cable types uses RCA connection to carry HD video?

A. DVI
B. Component
C. Composite
D. HDMI

Answer: D

NEW QUESTION 758
The network security team has been authorized to increase the security of a wireless network. Which of the following provides the BEST encryption on a corporate network?

A. AES
B. WPA
C. WEP
D. TKIP

Answer: C

NEW QUESTION 762
Which of the following encryption types is used with WPA2?

A. TKIP
B. SSH
C. AES
D. SSL

Answer: A

NEW QUESTION 764
Give the following characteristics:
*Allows smartphones to make electronic payments
*Allows smartphones to be used as personal identification
*Has wireless technology interfacing with an electromagnetic radio field Which of the folloing connection types BEtt matches these characteristics?

A. Bluetooth
B. IRDA
C. WIFI
D. NFC

Answer: D

NEW QUESTION 767
A user reports all printer from a loser printer so that the words same when touched. Which of the following should the technician perform to BEST resolve issue?

A. Install a new toner cartridge
B. Calibrate the printer heads.
C. Reinstall specialized paper.
D. Clean the heating element.
E. Replace the fuse

Answer: C

NEW QUESTION 771
A user needs a drive system that offers redundancy while providing the fastest read/write speeds possible. Which of the following RAID configurations should a technician configure in the user's workstation?

A. 1
B. 5
C. 10

Answer:

NEW QUESTION 773
Which of the following types of network configurations would a university with a network spread across a large city MOST likely use?

A. PAN
B. WAN
C. MAN
D. LAN

Answer: C

NEW QUESTION 776
A technician receives multiple calls from user starting that documents submitted to a shared printer are not printer. The technician can plug the device to confirm it is powered on and connected to the network. The technician successfully printer a first page from the device control panel. Which of the following should the technician perform NEXT?

A. reinstall the port drivers.
B. Reinstall the print spooler.
C. Reconfigure TCP/IP settings.
D. Remove and reinstall the printer

Answer: B

NEW QUESTION 780
Which of the following devices allows a variety of digital musical instruments, computers, and other devices to communicate with each other?

A. MIDI
B. KVM
C. Digitizer
D. SPDIF

Answer: A

NEW QUESTION 783
27in (68.6cm) analog monitor display shows the lefty and right sides are bulging outward. Which of the following should the technician perform..... the issue?

A. Decrease contrast.
B. Increase trapezoid.
C. Increase gamma.
D. Decrease pin cushio

Answer: A

NEW QUESTION 785
A user needs a device that meets all of the following criteria:
1. Longest possible battery life
2. Best-in class viewing experience far printed text only
3. Wireless download capability for new content
Which of the following devices would BEST meet the user's require

A. OLED laptop
B. E-reader
C. Tablet
D. Smartphone

Answer: B

NEW QUESTION 790
A technician has been alerted of incoming HTTP traffic on the segment that should not contain any web servers. The technician has the IP address of the destination host and wants to determine if the socket for HTTP is open. Which of the following should the technician perform?

A. Baseline assessment
B. Packet analysis
C. port scan
D. patch-level assessment

Answer: C

NEW QUESTION 793
A user cannot print to any of the network printers. A technician confirms the user is connected to all printers, and other users on the network can print without issue. Which of the following should the technician perform to resolve the issue?

A. upgrade the printer's firmware.
B. Update the printer's firmware.
C. Restart the printer spooler service.
D. Check printer memory errors.
E. Install a printer maintenance ki

Answer: B

NEW QUESTION 797
A technician has been asked to configured and install a system to host a public website. It will placed on-site at the company. In which of the following location in the network should the system be placed to ensure the public is unable to access the company's other systems?

A. DMZ
B. ISP
C. Datacenter
D. DNAT
E. Server room

Answer: A

NEW QUESTION 800
Which of the following channels would commonly be used on an 802.11 wireless network?

A. 6
B. 17
C. 802
D. 8080

Answer: A

NEW QUESTION 801
A technician needs to order cable that meets 10GBaseT and fire safety requirements for an installation between a drop ceiling and a standard ceiling. Which of the following should the technician order to ensure compliance with the requirements?

A. PVC Cat 5
B. plenum Cat 5e
C. Plenum Cat 6a
D. PVC Cat 7

Answer: C

NEW QUESTION 806
Which of the following does a DHCP server provide to a domain-connected computer? (Select TWO).

A. Print services
B. Host services
C. IP address
D. DNS server address
E. CDFS
F. POST service

Answer: CD

NEW QUESTION 807
The ability for new computers to be automatically connected to the network is provided by the

A. DHCP server.
B. DNS server.
C. proxy server
D. TACACS serve

Answer:

A

NEW QUESTION 808
A technician reimaged several computers in a test lab with a test subnet .15.1The PC name was properly assigned, but the technician did not configured DHCP the computer to the customer. The customer's corporate network has IP range s .1.1.1-10.1.5.255. The customer is unable to connect to any network resources or the Internet. Which of the following is MOST likely the error message being displayed?

A. Duplicate hostname
B. Intermitted connectivity
C. Computer account disabled
D. Internet protocol conflict

Answer: D

NEW QUESTION 813
A technician is setting up a PC to host server in a SOHO. The technician uses a second router for this PC but finds the web server is not accessible from the internet. The technician verifies the web server itself is properly configured. Which of the following could be enabled on the router allow all traffic to reach the web server?

A. IPv6
B. UPnP
C. DMZ
D. WPA2

Answer: C

NEW QUESTION 815
A user is giving a presentation for the third time in a single day to off customer. Each time the VGA output used successfully. While preparing for another meeting, the laptop connected to a projector and the laptop displays an incompatible VGA made error. Which of the following could be the cause?

A. The laptop is forcing a resolution that is too high.
B. The laptop is forcing a resolution that is too low.
C. The projector does not support extended display mode.
D. The graphic card in the laptop does not support VG

Answer: A

NEW QUESTION 819
A network technician receives a call from a branch office about a problem with its wireless connectivity. The user states the office hosting a large meeting that includes some online training with local businesses. The guest users have all brought devices to connect to the guest network at the branch office. All users are connected to a single WAP and are reporting that connections dropping and network speeds are unusable. Which of the following is the MOST likely cause of this issue?

A. DCHP exhaustion
B. Chanel overlapping
C. Interference
D. Overcapacity

Answer: C

NEW QUESTION 824
Which of the following connector types would MOST likely be used to connect multiple monitors to a laptop? (Select TWO.)

A. HDMI
B. DVI-D
C. DisplayPort
D. Coaxial
E. BNC
F. Component

Answer: AB

NEW QUESTION 825
When working on a computer that supports triple-Channel memory configurations, which of the following RAM modules would provides the BEST memory performance?

A. 2 DIMMs
B. 4DIMMs
C. 6DIMMs
D. 8DIMMs

Answer: C

NEW QUESTION 829
A user has requested to have an extra 4GB of memory installed on a laptop. During the Installation process, which of the following parts of the laptop will the technician need to remove?

A. CD-ROM drive
B. CMOS battery
C. Access panel
D. Hard drive

Answer: C

NEW QUESTION 831
Which of the following monitor has a type of “privacy filter” characteristic by default?

A. CRT
B. LCD
C. DVI
D. VGA

Answer: A

NEW QUESTION 833
Ann, an end user, has been notified she can use her mobile device but has to disable its cellular connection. Which of the following should Ann enable?

A. Bluetooth
B. Mobile hotspot
C. Airplane mode
D. Wireless

Answer: B

NEW QUESTION 835
A technician is trying to share an internet connection from a mobile phone to a Windows 8 and laptop. Which of the following would the technician use to share the connection?

A. NFS
B. Bluetooth
C. IR
D. USB

Answer: B

NEW QUESTION 840
A customer has connected a laptop to a projector using a VGA cable. The projector is not displaying the image. Which of the following combination of keys will MOST likely help the customer get the laptop to project?

A. Fn +Del
B. Fn + F key
C. Alt + Tab
D. Alt + F key

Answer: B

NEW QUESTION 845
A technician has configured a custom PC with an eight-core processor. 8GD of RAM a 500GB SSD, and a 100Mbps NIC for a user who utilizes it for CAD design The user has stated that every tune the CAD program is launched, it slows down and is almost unusable Which of the following should the technician do to impact system performance the MOST?

A. Increase the CPUs to 16 cores.
B. Increase the memory to 37GB.
C. Increase the SSD size to 1 IB.
D. Replace the NIC with a 1 Gbps NI

Answer: A

NEW QUESTION 847
Which of the following serial interfaces has been increased in speed to 10Gbps and features two connector types for future standardization purposes?

A. USB 3.0
B. USB 3.1
C. FireWire
D. eSATA

Answer: A

NEW QUESTION 851
Which of the following devices can be used to connect multiple devices within a network without broadcasting to every network port?

A. Unmanaged switch

B. HUB
C. FirewallD .Cable modern

Answer: A

NEW QUESTION 855
A technician notices the display flickering on a plugged-in laptop. When using the laptop in another location, the display does not flicker. Which of the following is MOST likely the cause of the issue?

A. The laptop battery is not charging.
B. The laptop screen has failed.
C. The laptop digitizer is faulty.
D. The laptop is experiencing power fluctuation

Answer: A

NEW QUESTION 856
A web application is unable to authenticate customers so they can access their bills. The server administrator has tested the LDAP query but is not receiving results. Which of the following is NEXT step the server administrator should take to correct the problem?

A. Check port 636 see if it is being blocked.
B. Change service port 636 to port 389.
C. Restart the web server.
D. Verify the browser is using port 443.

Answer: D

NEW QUESTION 861
A Pc power supply has been replaced. It physically matches the old supply and the connections are properly joined, but the PC not..... Which of the following is MOST likely the reason for this behavior?

A. The main mother board is plugged in backward.
B. The waitage is less than the original supply.
C. The power cable is the wrong type.
D. The voltage selector is incorrectly se

Answer: D

NEW QUESTION 865
A sever needs a RAM upgrade, and a technician has been tasked with retrieving the RAM from storage and then installing it. Which of the following is the BEST RAM type for the technician to retrieve?

A. SoDlMM
B. DDR4
C. Single channel
D. ECC

Answer: A

NEW QUESTION 867
A user reports a computer pauses for a long time when opening files in the music library after importing an existing music library from another device. After backing up the data, which of the following would BEST resolve this problem?

A. Defragment the physical drive.
B. Perform a zero fill of the hard drive.
C. Conduct a quick formal of the affected hard drive.
D. Run a surface-level scan on the hard driv

Answer: A

NEW QUESTION 868
A technician receives a computer that is failing to boot properly. Upon boot it displays an error that the boot configuration data is invalid, The technician puts the PC into a pre-installation mode. Which of the following actions should be performed NEXT?

A. Perform a Windows repair.
B. Restore the last known good configuration.
C. Run the bootrec command.
D. Install update drivers for the hard driv

Answer: D

NEW QUESTION 871
Replacement of which of the following components on a laptop will typically require reinstallation of the OS?

A. Optical drive

B. RAM modules
C. Hard disk
D. CMOS battery

Answer: C

NEW QUESTION 876
A technician receives the following message at bootup os not. found I he technician notices a flash drive inserted Which of the fallowing action should the technician take FIRST?

A. Reinstall the OS.
B. Remove the USB device.
C. Reformat the hard disk.
D. Modify the boat _ini fil

Answer: B

NEW QUESTION 880
Which of the following devices utilizes VLANs to secure networks?

A. Switch
B. Router
C. Firewall
D. Modem

Answer: A

NEW QUESTION 882
A user needs access to a shared mailbox inside the mobile mail application through the company's cloud-based email service. Which of the following protocols is required to make this possible?

A. IMAP
B. S/MIME
C. SMTP
D. SNMP

Answer: C

NEW QUESTION 883
A user has a inkjet printer that generates very sloop prints with multiple colors missed in patterns. Which of the following maintenance tasks should the technician perform to solve this problem?

A. Install the maintenance kit.
B. Replace the toner ribbon.
C. Clean the heating element.
D. Replace the fuser.
E. Clean the hea

Answer: B

NEW QUESTION 888
A user is having intermitted problems connecting a computer to the office network. A technician determines the computer's network cable needs to be replaced. Which of the following tools did the technician use to determine the issue?

A. Cable toner probe
B. Cable stripper
C. Cable tester
D. WIFI analyzer

Answer: C

NEW QUESTION 893
A user would like to set a public network for a DMZ server. Which of the following is a public IP subnet?

A. 10.0.1.0/24
B. 64 64.65.128/24
C. 172 16.1.0/24
D. 192.168.1O.0/25

Answer: B

NEW QUESTION 894
A technician has connected a new multifunction printer to the company network. The technician has mapped the printer to a user workstation, but the user unable to scan documents. Which of the following will address this problem?

A. Restart the print spooler.
B. Install the driver.
C. Enable duplexing.
D. Restart the printer.

Answer: BD

NEW QUESTION 898
The network security team has been authorized to increase the security of a wireless. Which of the following provides the BEST encryption corporate network?

A. AES
B. WPA
C. WEP
D. TEIP

Answer: B

NEW QUESTION 900
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