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Grade 0.00 out of 100.00

Question 1

Not answered

Marked out of 2.00

Which of the following cables uses both the T568A and T568B standards?

- ☐ a. HDMI
- ☐ b. Fiber
- ☐ c. Ethernet
- ☐ d. Coaxial

The correct answer is:

Ethernet

Question 2

Not answered

Marked out of 2.00

A user is required to use a directly connected local printer but is unable to print any documents properly. Various characters are excessively being printed on the top and bottom of each page. Which of the following actions would correct this issue?

- ☐ a. Update the language drivers
- ☐ b. Connect to the printer using the wireless LAN connection
- ☐ c. Update the print drivers
- ☐ d. Connect to the printer using Bluetooth

The correct answer is:

Update the print drivers

Question 3

Not answered

Marked out of 2.00

Which command will verify the syntax of the hosts.allow and host.deny files?

- ☐ a. ipswitch
- ☐ b. tcpdchk
- ☐ c. verify --tcp
- ☐ d. tcpdmatch

The correct answer is:

tcpdchk

Question 4

Not answered

Marked out of 2.00

Which of the following commands will lock the user foobar's account?

- ☐ a. usermod -L foobar
- ☐ b. moduser -l foobar
- ☐ c. userconf -l foobar
- ☐ d. userdel -r foobar

The correct answer is:

usermod -L foobar

Question 5

Not answered

Marked out of 2.00

To test a shell script called mysript, the environment variable FOOBAR must be removed temporarily. How can this be done?

- ☐ a. env -i FOOBAR mysript
- ☐ b. unset -v FOOBAR
- ☐ c. env -u FOOBAR mysript
- ☐ d. set -a FOOBAR=""

The correct answer is:

env -u FOOBAR mysript

Question 6

Not answered

Marked out of 2.00

To avoid spammers using your mail server to relay their messages, you need to:

- ☐ a. Disable the relay control in `/etc/aliases`
- ☐ b. Set up relay control in your DNS's MX record.
- ☐ c. Recompile sendmail with the `-NORELAY` flag.
- ☐ d. Set up a ruleset for this in `/etc/sendmail.cf`

The correct answer is:

Set up a ruleset for this in `/etc/sendmail.cf`

Question 7

Not answered

Marked out of 2.00

Your machine has two working NICs with proper addresses. You want to split your network into two new subnets. What single command will accomplish this?

- ☐ a. `route`
- ☐ b. `netstat`
- ☐ c. `ifconfig`
- ☐ d. None of the choices

The correct answer is:

`ifconfig`

Question 8

Not answered

Marked out of 2.00

You have a computer that runs Windows 7. The computer connects to the corporate network by using a VPN connection. You need to ensure that you can access the Internet when the VPN connection is active. The solution must prevent Internet traffic from being routed through the VPN connection. What should you do?

- ☐ a. Configure a static IP address and default gateway.
- ☐ b. Configure the security settings of the VPN connection.
- ☐ c. Configure the advanced TCP/IP settings of the VPN connection.
- ☐ d. Configure a static DNS server address.

The correct answer is:

Configure the advanced TCP/IP settings of the VPN connection.

Question 9

Not answered

Marked out of 2.00

You are configuring a computer that will be used in a kiosk in a public area. You install a new internal hard drive. You need to protect the computer from starting an unauthorized operating system. What should you do?

- ☐ a. Install Windows 8 Pro 64-bit on the internal hard drive. Enable BitLocker on the internal hard disk.
- ☐ b. Partition the internal hard drive as MBR disk. Install Windows 8 Enterprise 64-bit.
- ☐ c. Ensure that the computer BIOS supports Unified Extensible Firmware Interface (UEFI) and is enabled. Install Windows 8 Pro 64-bit using UEFI and install it on the internal hard drive.
- ☐ d. Partition the internal hard drive as GPT disk. Install Windows 8 Pro 64-bit.

The correct answer is:

Ensure that the computer BIOS supports Unified Extensible Firmware Interface (UEFI) and is enabled. Install Windows 8 Pro 64-bit using UEFI and install it on the internal hard drive.

Question 10

Not answered

Marked out of 2.00

You manage a computer that runs Windows 7. You are tasked to identify which applications were installed during the last week. What Windows component would you use to find this information? Choose TWO.

- ☐ a. Check Device and Programs Manager.
- ☐ b. Check the Windows System Change Log in the Control Panel.
- ☐ c. Check the Windows System Diagnostics Report under the Performance Monitor MMC.
- ☐ d. View the events in the Applications Log under Windows Logs in the System and Security component section of the Control Panel.
- ☐ e. The informational events should be reviewed from Reliability Monitor.

The correct answers are:

View the events in the Applications Log under Windows Logs in the System and Security component section of the Control Panel.,

The informational events should be reviewed from Reliability Monitor.

Question 11

Not answered

Marked out of 2.00

A new firewall has recently been installed and several users are now unable to access the Internet. Which of the following ports is MOST likely being blocked?

- ☐ a. 110
- ☐ b. 25
- ☐ c. 80
- ☐ d. 23

The correct answer is:

80

Question 12

Not answered

Marked out of 2.00

Which of the following allows for the FARTHEST transmission distance for data?

- ☐ a. CAT6 cable
- ☐ b. Single-mode fibre
- ☐ c. RG-6 cable
- ☐ d. Bluetooth

The correct answer is:

Single-mode fibre

Question 13

Not answered

Marked out of 2.00

You have a computer that runs Windows 7. You perform an image backup. A virus infects the computer and causes the computer to become unresponsive. You need to restore the computer as quickly as possible. What should you do?

- ☐ a. Start the computer by using the Last Known Good Configuration feature.
- ☐ b. Start the computer from the Windows 7 DVD and then use the Startup Repair tool.
- ☐ c. Start the computer from Windows Preinstallation Environment (Windows PE) and then run Imagex.exe.
- ☐ d. Start the computer from the Windows 7 DVD and then use the System Image Recovery tool.

The correct answer is:

Start the computer from the Windows 7 DVD and then use the System Image Recovery tool.

Question 14

Not answered

Marked out of 2.00

Which file is responsible for configuring the inet daemon?

- ☐ a. /etc/tcpd.conf
- ☐ b. /etc/xinetd.conf
- ☐ c. /etc/inet.conf
- ☐ d. /etc/inetd.conf

The correct answer is:

/etc/inetd.conf

Question 15

Not answered

Marked out of 2.00

What is the purpose of the dig command? (Linux)

- ☐ a. To adjust a file's hidden permissions
- ☐ b. To search for files on the filesystem
- ☐ c. To adjust a directory's hidden permissions
- ☐ d. To ping all known hosts on the current subnet
- ☐ e. To perform hostname lookups

The correct answer is:

To perform hostname lookups

Question 16

Not answered

Marked out of 2.00

Which commands will set a regular users password so it forces them to change it every 60 days? Choose TWO.

- ☐ a. chage -M 60 user
- ☐ b. passwd +x 60 user
- ☐ c. passwd -x 60 user
- ☐ d. usermod -f 60 user

The correct answers are:

passwd -x 60 user,

chage -M 60 user

Question 17

Not answered

Marked out of 2.00

Which of the following components would MOST likely be utilized in a virtualization server? Choose TWO.

- ☐ a. Maximum memory
- ☐ b. Dual-rail 1000w PSU
- ☐ c. High-end video card
- ☐ d. Quad core CPU
- ☐ e. High-end sound card

The correct answers are:

Maximum memory,

Quad core CPU

Question 18

Not answered

Marked out of 2.00

A technician installs a biometric device using the manufacturer supplied driver. After confirming the device functions properly, the technician performs Windows and antivirus updates. Which of the following would BEST explain why the biometric device no longer functions?

- ☐ a. The recently updated antivirus scanning software is interfering with the proper operations of the biometric device.
- ☐ b. A virus that specifically targets retinal scanning software infected the PC because the user was late applying new definitions.
- ☐ c. The recently installed Windows updates overwrote the manufacturer's supplied biometric device driver.
- ☐ d. The biometric device needs to be recalibrated due to environmental conditions involved with the installation.

The correct answer is:

The recently installed Windows updates overwrote the manufacturer's supplied biometric device driver.

Question 19

Not answered

Marked out of 2.00

You have a computer that runs Windows 7. The IPv6 address of the computer is configured automatically. You need to identify the IPV6 address of the computer. What should you do?

- ☐ a. At the command prompt run Net config.
- ☐ b. From the network connection status, click Details.
- ☐ c. From network connection properties, select Internet Protocol Version 6 (TCP/IPv6) and click Properties.
- ☐ d. At the command prompt, run Netstat.

The correct answer is:

From the network connection status, click Details.

Question 20

Not answered

Marked out of 2.00

Besides the CPU, which of the following components might have their own heatsink?

- ☐ a. Audio card
- ☐ b. RAID controller
- ☐ c. Graphics card
- ☐ d. Hard drive

The correct answer is:

Graphics card

Question 21

Not answered

Marked out of 2.00

Which of the following can be used to increase the physical memory on your Windows 7 PC and increase the speed?

- ☐ a. Aero Glass
- ☐ b. ROM
- ☐ c. DirectAccess
- ☐ d. ReadyBoost
- ☐ e. PhysiRAM

The correct answer is:

ReadyBoost

Question 22

Not answered

Marked out of 2.00

A non-Ethernet printer needs to be shared by users within a small workgroup. The solution cannot be dependent upon a user's computer being powered on. Which of the following solutions is appropriate?

- ☐ a. Sharing a single folder from where print jobs can be queued
- ☐ b. Upgrading the operating systems within the workgroup
- ☐ c. Installing a hardware print server
- ☐ d. Sharing the printer from a local PC

The correct answer is:

Installing a hardware print server

Question 23

Not answered

Marked out of 2.00

Which of the following will cause the Online Compatibility Check to fail during a Window 7 installation? Choose TWO.

- ☐ a. An 80 GB Hard Disk
- ☐ b. A display adapter without WDDM Support but with SVIDEO
- ☐ c. 512MB of RAM
- ☐ d. A display adapter with WDDM Support

The correct answers are:

512MB of RAM,

A display adapter without WDDM Support but with SVIDEO

Question 24

Not answered

Marked out of 2.00

A user wants to secure their home wireless network and allow only certain devices access to the network. Which of the following measures would be the MOST effective means of limiting access?

- ☐ a. Disable DMZ
- ☐ b. Use MAC filtering
- ☐ c. Turn off DHCP
- ☐ d. Turn off SSID broadcasting

The correct answer is:

Use MAC filtering

Question 25

Not answered

Marked out of 2.00

You want to add an alias for an existing DNS record. What type of DNS record could you use?

- ☐ a. NS
- ☐ b. SOA
- ☐ c. CNAME
- ☐ d. MX

The correct answer is:

CNAME

Question 26

Not answered

Marked out of 2.00

What is used by the local host to determine which hosts are on the local subnet, and which hosts are on remote networks?

- ☐ a. DNS
- ☐ b. routing protocol
- ☐ c. ARP
- ☐ d. netmask
- ☐ e. gateway

The correct answer is:

netmask

Question 27

Not answered

Marked out of 2.00

Which of the following hard drives has the BEST shock resistance?

- ☐ a. IDE
- ☐ b. SATA
- ☐ c. SSD
- ☐ d. NAS

The correct answer is:

SSD

Question 28

Not answered

Marked out of 2.00

In a laser printer, which of the following components uses heat to apply the toner onto the page?

- ☐ a. Pickup roller
- ☐ b. Fuser assembly
- ☐ c. Imaging drum
- ☐ d. Transfer roller

The correct answer is:

Fuser assembly

Question 29

Not answered

Marked out of 2.00

Which of the following commands will provide locale-specific information about your system and its environment?

- ☐ a. loconfig
- ☐ b. tzselect
- ☐ c. locale
- ☐ d. getlocale
- ☐ e. tzconfig

The correct answer is:

locale

Question 30

Not answered

Marked out of 2.00

To learn more about the management or ownership of a website, what's the best utility to use?

- ☐ a. traceroute
- ☐ b. tracert
- ☐ c. telnet
- ☐ d. whois
- ☐ e. ping

The correct answer is:

whois

Question 31

Not answered

Marked out of 2.00

What is the term for an operating-system independent operation that ties a hard drive to its controller card?

- ☐ a. Low-level formatting
- ☐ b. Scrubbing
- ☐ c. Partitioning
- ☐ d. High-level formatting

The correct answer is:

Low-level formatting

Question 32

Not answered

Marked out of 2.00

A company has client computers that run Windows 8. Each computer has two hard drives. You need to create a dynamic volume on each computer that maximizes write performance with data fault tolerance. Which kind of dynamic volume should you create?

- ☐ a. Spanned Volume
- ☐ b. Mirrored Volume
- ☐ c. RAID 5 Volume
- ☐ d. Striped Volume

The correct answer is:

Mirrored Volume

Question 33

Not answered

Marked out of 2.00

A user reports that an impact printer is printing characters that are not complete and instead have certain parts missing in most letters. The user has replaced the ribbon, but the problem persists. Which of the following is likely the cause of the issue?

- ☐ a. Some pins on the print head are damaged.
- ☐ b. The platen roller is damaged and needs to be replaced.
- ☐ c. The print jobs being submitted are not properly formatted.
- ☐ d. The paper is improperly installed and not being fed as required.

The correct answer is:

Some pins on the print head are damaged.

Question 34

Not answered

Marked out of 2.00

Your network consists of a single IPv4 subnet. The subnet contains 20 computers that run Windows 7. You add a new computer named Computer1 to the subnet. You discover that Computer1 has an IP address of 169.254.34.12. You cannot connect to other computers on the network. Other computers on the network can connect to each other. You need to ensure that you can connect to all computers on the network. What should you do?

- ☐ a. Configure a static TCP/IP address.
- ☐ b. Reinstall the operating system.
- ☐ c. Run Ipconfig.exe /renew.
- ☐ d. Turn off Windows Firewall.
- ☐ e. Run Netsh.exe interface ipv4 install.

The correct answer is:

Configure a static TCP/IP address.

Question 35

Not answered

Marked out of 2.00

Andreea, a customer, has an older printer that has no network or USB connection but she still would like to use it on her new machine. Which of the following would be the MOST likely card a technician should install?

- ☐ a. FireWire card
- ☐ b. Wireless card
- ☐ c. Serial/Parallel card
- ☐ d. Riser card

The correct answer is:

Serial/Parallel card

Question 36

Not answered

Marked out of 2.00

Which two services resolve NetBIOS names to IP addresses? Choose TWO.

- ☐ a. smbd
- ☐ b. nmbd
- ☐ c. NetbiosSVC
- ☐ d. DNS
- ☐ e. WINS

The correct answers are:

WINS,

nmbd

Question 37

Not answered

Marked out of 2.00

You have a computer that runs Windows 7. The computer contains two volumes, C and D. You create a new folder called D:\Reports. You need to ensure that all files stored in the Reports folder are indexed by Windows Search. What should you do?

- ☐ a. Modify the properties of the Windows Search service.
- ☐ b. Enable the archive attribute on the folder.
- ☐ c. Create a new library and add the Reports folder to the library.
- ☐ d. Modify the Folder Options from Control Panel.

The correct answer is:

Create a new library and add the Reports folder to the library.

Question 38

Not answered

Marked out of 2.00

Which of the following cable types uses a 9-pin connector?

- ☐ a. USB
- ☐ b. Serial
- ☐ c. Ethernet
- ☐ d. Parallel

The correct answer is:

Serial

Question 39

Not answered

Marked out of 2.00

An ISP has provided a DSL Internet connection with a static IP address. A technician is setting up a small office home office (SOHO) wireless router and needs to provide Internet access to five PCs on the network. Which of the following should be enabled?

- ☐ a. WPS
- ☐ b. NAT
- ☐ c. Port forwarding
- ☐ d. MAC filtering

The correct answer is:

NAT

Question 40

Not answered

Marked out of 2.00

When computers are connected on a network in a manner where the data flows to a central point and then back out describes which of the following networks?

- ☐ a. Star
- ☐ b. Mesh
- ☐ c. Hybrid
- ☐ d. Ring

The correct answer is:

Star

Question 41

Not answered

Marked out of 2.00

On a dual boot system, every time the system is booted back into Linux the time has been set backward by two hours. Which of the following commands will correct the problem so it will not occur again?

- ☐ a. `date -d 'two hours'`
- ☐ b. `ntpdate pool.ntp.org`
- ☐ c. `time hwclock`
- ☐ d. `hwclock --hctosys --localtime`

The correct answer is:

`hwclock --hctosys --localtime`

Question 42

Not answered

Marked out of 2.00

Which of the following expansion cards would provide support for additional internal storage?

- ☐ a. RAID controller
- ☐ b. USB port
- ☐ c. Modem
- ☐ d. Video capture

The correct answer is:

RAID controller

Question 43

Not answered

Marked out of 2.00

Which of the following describes the Linux ping packet or datagram?

- ☐ a. ICMP packet with a payload
- ☐ b. UDP datagram with a protocol type
- ☐ c. IP packet with a packet type
- ☐ d. ICMP packet with a message type
- ☐ e. UDP datagram with a payload

The correct answer is:

ICMP packet with a message type

Question 44

Not answered

Marked out of 2.00

The term SFF refers to which of the following?

- ☐ a. Memory size
- ☐ b. HDD size
- ☐ c. CPU speed
- ☐ d. Motherboard size

The correct answer is:

Motherboard size

Question 45

Not answered

Marked out of 2.00

A user states that when printing to a shared printer nothing happens and the user has verified that the printer is turned on. Which of the following is the MOST likely cause?

- ☐ a. The printer is low on toner.
- ☐ b. The print server does not have network connectivity.
- ☐ c. The user's print drivers are corrupted.
- ☐ d. The ISP service is currently not available.

The correct answer is:

The print server does not have network connectivity.

Question 46

Not answered

Marked out of 2.00

A computer technician is installing a new wireless router for a small office. The office already has an internal device that assigns addresses to users. Which of the following functions needs to be disabled on the router to prevent conflicts?

- ☐ a. MAC filtering capability
- ☐ b. DMZ capability
- ☐ c. DHCP server functionality
- ☐ d. Network Address Translation

The correct answer is:

DHCP server functionality

Question 47

Not answered

Marked out of 2.00

Which command will delete the environment variable FOOBAR?

- ☐ a. export FOOBAR
- ☐ b. export FOOBAR=
- ☐ c. unset FOOBAR
- ☐ d. del \$FOOBAR

The correct answer is:

unset FOOBAR

Question 48

Not answered

Marked out of 2.00

What is the name of the utility that allows you to check hardware resources and alter them, if allowed?

- ☐ a. Device Manager
- ☐ b. Control Panel
- ☐ c. Program Manager
- ☐ d. Task Manager

The correct answer is:

Device Manager

Question 49

Not answered

Marked out of 2.00

Which of the following answers regarding user account configuration are true? Choose TWO.

- ☐ a. Password is case-insensitive
- ☐ b. Username is case-sensitive
- ☐ c. Password is case-sensitive
- ☐ d. Username is case-insensitive

The correct answers are:

Username is case-sensitive,

Password is case-sensitive

Question 50

Not answered

Marked out of 2.00

Users cannot submit jobs to an attached printer. Choose the correct file that must be edited to fix this problem.

- ☐ a. /etc/hosts.lpd
- ☐ b. /var/spool/hosts.lpd
- ☐ c. /etc/hosts.allow
- ☐ d. /etc/host.deny
- ☐ e. /etc/hosts

The correct answer is:

/etc/hosts.lpd

