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QUESTION 1

Which of the following BEST describes the purpose of an IPv4 subnet mask?

- A. It defines where network and host bits exist
- B. It is used to find the default gateway on a LAN
- C. It gives users the ability to send and receive data.
- D. It allows the ability, when needed, to bridge subnets.

Correct Answer: A

QUESTION 2

A server 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. SoDIMM
- B. DDR4
- C. Single channel
- D. ECC

Correct Answer: B

QUESTION 3

A thin client in a VDI environment receives the OS by connecting to the network through a number of devices. Which of the following is FIRST in the chain?

- A. NIC
- B. Router
- C. VLAN
- D. Switch

Correct Answer: B

QUESTION 4

About one week ago, access to files on a network server became significantly slower. Today, network files are

completely unavailable. A technician is able to make a remote connection to the server. Which of the following should the technician check NEXT?

- A. RAID 5 array
- B. NIC configuration
- C. Available storage space
- D. RAM utilization

Correct Answer: A

QUESTION 5

After a technician installs hardware and turns on a system the PC does not complete POST and only displays a black screen Which of the following should the technician try FIRST to fix the issue?

- A. Flash the BIOS
- B. Reimage the system
- C. Reseat the memory
- D. Change the boot order

Correct Answer: A

QUESTION 6

The corporate office has mandated that all documents must be electronically signed and encrypted with a certificate in order to be stored on the network. The IT department has been asked to ensure the proper file format is used to accomplish this task. Which of the following would satisfy the requirement?

- A. Print to PDF
- B. Print to file
- C. Print to image
- D. Print to XPS

Correct Answer: A

QUESTION 7

A technician was asked to virtualize four existing PCs before decommissioning them. The resulting VMs are imported into a new VM workstation running a hypervisor on top of an OS Three of the VMs are running property, but the entire system locks up when trying to start the fourth VM. Which of the following should the technician have reviewed prior to creating the VMs to prevent this from occurring? (Select TWO)

- A. Hypervisor requirements
- B. Storage requirements
- C. Resource requirements
- D. Network requirements
- E. Backup requirements
- F. Security requirements

Correct Answer: AF

QUESTION 8

A company has a web application that is in the cloud on a multitenant server. The web application is connected to a database that is also in the cloud. Which of the following cloud computing concepts does this describe?

- A. IaaS
- B. PaaS
- C. SaaS
- D. DaaS

Correct Answer: D

QUESTION 9

A user is experiencing slow performance on a workstation. A technician investigates and speculates the performance issue is being caused by an excessive number of background services running at startup. The technician troubleshoots the issue, and then finds and disables many services that have been running at startup. Next, the technician informs the user the remediation is complete. The following morning, the technician receives a call from the same user reporting performance is still slow. Which of the following troubleshooting steps did the technician MOST likely fail to complete?

- A. Establish a theory of probable cause.
- B. Identify the problem.
- C. Verify full system functionality.
- D. Document findings, actions, and outcomes.

Correct Answer: A

QUESTION 10

An administrator is configuring a virtualization workstation that will host several mission-critical VMs for the human resources department. The workstation will be required to support multiple users at once, and large amounts of data will

be accessed daily Which of the following components will BEST meet these requirements? (Select THREE).

- A. Quad-core CPU
- B. Solid-state drives
- C. Additional RAM
- D. Redundant PSUs
- E. RAID 0 array
- F. High-end GPU
- G. RAID 6 array

Correct Answer: ABC

QUESTION 11

Which of the following interconnects devices to make a star topology?

- A. Bridge
- B. Router
- C. Switch
- D. Firewall

Correct Answer: C

QUESTION 12

A technician is setting up a VM to house a legacy application that is used to control the swipe-style card readers for a company's entrance doors. The application needs to be able to access all locations on the WAN. Which of the following requirements is the MOST important to configure properly on the VM?

- A. CPU
- B. RAM
- C. Network
- D. Storage

Correct Answer: C

QUESTION 13

A user reports that a printer has not been printing all colors. The printer recently started completing print jobs, but

the pages are blank. Which of the following is MOST likely the issue?

- A. The spooler needs to be reset.
- B. The tractor feed is jammed.
- C. The duplexing assembly is worn.
- D. The ink cartridges need to be replaced,

Correct Answer: D

QUESTION 14

A user reports being unable to browse the internet. A technician believes the cause of the issue is related to DNS. Which of the following should the technician perform NEXT?

- A. Test the theory attempting to browse to a website known IP address.
- B. Implement preventive measures by manually assigning a DNS server to the PC.
- C. Identify the problem by running the command ipconfig / flushdns.
- D. Document the finding in the organization local knowledge base.

Correct Answer: A

QUESTION 15

A technician is deploying PCs in a new office that has both wired and wireless connectivity. The deployment must be completed quickly, since the office is scheduled to open soon. Which of the following must the technician perform to ensure the devices are ready for use when the newly hired employees arrive? (Choose two.)

- A. Create system policies and configurations.
- B. Set up local accounts per station.
- C. Set up mailbox quotas per account.
- D. Install the OS and applications.
- E. Synchronize user files to the cloud.
- F. Map the network drives.

Correct Answer: AD
