**QUESTION 575**
A service technician made some changes to the BIOS, and now the computer is unable to boot. Which of the following actions should the technician take to restore the default settings?

A. Load the registry from a backup
B. Remove the CMOS battery
C. Perform a hard reset
D. Completely drain the lithium-ion battery

**Answer:** B

**QUESTION 576**
Which of the following servers provides access to user data over a LAN?

A. Proxy server
B. DHCP server
C. Webserver
D. File server

**Answer:** A

**QUESTION 577**
A customer travels often and needs to connect a laptop to the home office server. The customer wants to use a cell phone data connection but has connected to the wrong network in the past. Which of the following would work BEST to ensure a secure connection through the cell phone?

A. Bluetooth with PIN
B. Tethering with USB
C. Hotspot with WPA
D. Public WiFi with password

**Answer:** C

**QUESTION 578**
An engineering company is experiencing issues. When accessing multi-gigabyte files from their local drives. It can take a very long time to access the files but once they are opened speeds are acceptable. Which of the following recommendations will a technician MOST likely make?

A. Install SSDs in the machines

B. Add a NIC to support 1Gbps
C. Upgrade the RAM to a higher speed
D. Replace the current processors with higher clock-rate CPUs

**Answer:** A

**QUESTION 579**
An administrator notices the RAID 5 array is reporting a degraded health message. It contains three HDDs. A technician replaces the faulty HDD with a new one, but users then report access to the fileshare is not as fast as it used to be. Which of the following is MOST likely preventing the RAID array from operating optimally?

A. The mirrored set is broken
B. Write caching has been turned on
C. The wrong drive was replaced
D. The RAID array is rebuilding

**Answer:** D

**QUESTION 580**
A user is unable to access the internet. A technician has confirmed all LAN resources on the network are accessible. Which of the following should the technician do NEXT to begin troubleshooting the issue?

A. Ping a DHCP server
B. Ping the default gateway
C. Ping another workstation
D. Ping the domain controller

**Answer:** A

**QUESTION 581**
A user is not receiving emails on a laptop. A technician is able to send emails using the local client, however no new emails are being received. The POP3 and SMTP settings in the corporate email configuration look correct. The technician notices a new antivirus program was installed on the machine recently. Which of the following is MOST likely causing the program?

A. The POP3 port is being blocked
B. The email password stored is incorrect
C. The user needs to enable TLS
D. The user is not connected to the internet

**Answer:** A

**QUESTION 582**
The wireless feature of a user's laptop has stopped working. A technician replaces the wireless card, but the wireless range is now very limited. The technician removes the case. Which of the following should the technician do NEXT?

A. Update the drivers for the wireless card
B. Replace the wireless antenna
C. Check for an updated BIOS
D. Verify the antenna connection

**Answer:** D

**QUESTION 583**
A technician needs to implement a disk array in a configuration that will prevent data loss in the event of a disk failure

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but also provide the benefit of increased performance. Which of the following would provide the BEST combination of fault tolerance and read/write performance?

A. RAID 0
B. RAID1
C. RAID 5
D. RAID 10

**Answer:** A

**QUESTION 584**
A technician is setting up a new workstation. The technician wants to make sure the workstation will not load the OS if a portable hard drive is connected to it. Which of the following should the technician configure?

A. Trusted Platform Module
B. Secure boot
C. Legacy mode
D. Drive encryption

**Answer:** C

**QUESTION 585**
Which of the following network types utilizes Bluetooth technology?

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

**Answer:** B

**QUESTION 586**
A user powers on a desktop computer and the following error appears on the monitor: os not found. The user notes there are no visual indications of an error. A reboot yields the same result. Which of the following is the MOST likely cause of the issue?

A. The system partition is set to active.
B. A USB flash drive that contains offline diagnostics is plugged in.
C. The CD-ROM drive contains a Windows setup disk.
D. The boot order has changed.

**Answer:** D

**QUESTION 587**
Which of the following devices is susceptible to broadcast storms if configured incorrectly?

A. Access point
B. Router
C. Switch
D. Cable modem

**Answer:** B

**QUESTION 588**
Which of the following ports would allow for the remote management of network devices using community strings?

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(Select TWO).

A. 138
B. 139
C. 161
D. 162
E. 388
F. 389

**Answer:** CD

**QUESTION 589**
Which of the following types of cables is used to provide high-speed voice and data connections in a datacenter to Layer 3 devices?

A. HDMI
B. Multimode fiber
C. Thunderbolt
D. SATA
E. Cat 5

**Answer:** B

**QUESTION 590**
A customer wants to store archived data on inexpensive optical media that will then be placed in a safe. According to the customer, each runoff of data will be between 2GB and 3GB. Which of the following devices does a technician need to install for the customer?

A. DVD-RW drive
B. CD-RW drive
C. Blu-ray drive
D. M.2 drive
E. NVMe drive

**Answer:** A

**QUESTION 591**
Which of the following connectors is oval-shaped and used to connect to mobile devices?

A. Lightning
B. RG-6
C. RJ45
D. USB-C

**Answer:** D

**QUESTION 592**
A technician recently installed a new router. Since the installation was completed, a user's PC loses network connectivity when another user's PC comes online. Which of the following commands are BEST for the technician to run to resolve this issue? (Select TWO).

A. ipconfig /renew
B. ipconfig /all
C. ipconfig /flushdns
D. ipconfig /registerdns

E.   ipconfig /release
F.   ipconfig /displaydns

**Answer:** AE

**QUESTION 593**
The wireless feature of a user's laptop has stopped working. A technician replaces the wireless card, but the wireless range is now very limited. The technician removes the case. Which of the following should the technician do NEXT?

A.   Update the drivers for the wireless card.
B.   Replace the wireless antenna.
C.   Check for an updated BIOS.
D.   Verify the antenna connection.

**Answer:** D

**QUESTION 594**
Which of the following wireless standards provides the HIGHEST bandwidth?

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

**Answer:** B

**QUESTION 595**
A virtual environment in which an application uses memory and a processor from a provider based on a leased rate that depends on the amount of resources used per month is referred to as:

A.   virtual application streaming service.
B.   metered service.
C.   resource pooling.
D.   SaaS.

**Answer:** D