



**Vendor: CompTIA**

**Exam Code: 220-901**

**Exam Name: CompTIA A+ 220-901 Certification Exam**

**Version: Demo**

**QUESTION 1**

A user has a laptop and is trying to connect to a wireless network but is unable to see any SSIDs. Which of the following would be the FIRST thing that the technician should do?

- A. Connect the laptop to a wired connection
- B. Reboot the nearest access point
- C. Try to connect another device
- D. Check that the wireless radio is not turned off

**Correct Answer: D**

**QUESTION 2**

A technician had been assigned a ticket for a computer that was dropped off with minimal information. The user indicated that the computer would display a SMART- error, but by pressing F1 the user was able to boot into the system and use it normally. Based on the information provided in the ticket, which of the following is MOST likely to be the cause of the error?

- A. Failing RAM
- B. Dead CMOS battery
- C. Failing hard drive
- D. Failing processor fan

**Correct Answer: A**

**QUESTION 3**

A technician is troubleshooting a desktop PC. When the power button is pressed, the fan momentarily spins and the PC does not boot. Which of the following components is MOST likely the problem?

- A. CPU
- B. CMOS battery
- C. RAM
- D. Power supply

**Correct Answer: D**

**QUESTION 4**

Which of the following is the benefit of a modern tablet as compared to an e-Reader?

- A. A tablet has a longer battery life
- B. A tablet has the ability to host web services
- C. A tablet has better backlighting for reading in the dark
- D. A tablet has the ability to run graphically intense applications

**Correct Answer: D**

**QUESTION 5**

A network administrator has noticed some lag in between two buildings connected by underground cabling. The administrator wants to make sure the network traffic is using the newer fiber connection Instead of the older backup CAT5 Ethernet connection. Which of the following tools can be used to ensure that traffic is taking the desired path?

- A. ipconfig
- B. tracert
- C. nslookup
- D. netstat

**Correct Answer: D**

**QUESTION 6**

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. 192.168.10.0/25

**Correct Answer: B**

**QUESTION 7**

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

**Correct Answer: C**

**QUESTION 8**

A user, ann logs in to her computer and receives an error that sates this IP address is already in use. All computer are assigned dynamic IP addresses. When following best practice, which of the following commands should the technician run? (Select Two).

- A. Ipconfig
- B. Ipconfig/release
- C. Ipconfig/flusdns
- D. Ipconfig/renew
- E. Ipconfig/?
- F. Ipconfig/all

**Correct Answer: BD**

**QUESTION 9**

Which of the following mobile connection types has the LOWEST data transmission rate?

- A. Bluetooth
- B. NFC
- C. 802.11ac
- D. IRE

**Correct Answer: B**

**QUESTION 10**

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

**Correct Answer: B**

**QUESTION 11**

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

**Correct Answer: D**

**QUESTION 12**

A customer is looking for new wearable technology and wants to track heart rate with little effort. Which of the following devices should the technician recommend?

- A. e-Reader
- B. Pedometer
- C. Bluetooth headset
- D. Fitness monitor

**Correct Answer: D**

**QUESTION 13**

Which of the following cable connection types would be used to provide digital signal input to a TV tuner add-in card?

- A. USB Type A connector
- B. F-connector

- C. FireWire connector
- D. VGA

**Correct Answer: B**

**QUESTION 14**

A printer is printing spotty or horizontal lines. A technician has accessed the control panel, selected devices and printers, and ran the print utility. However, the problem still remains. Which of the following should be done NEXT?

- A. Open the printer and check for clogged print heads
- B. Shake it to loosen the toner and then reinstall the cartridge
- C. Reinstall the printer drivers
- D. Replace the ink cartridge

**Correct Answer: C**

**QUESTION 15**

A user would like to set up a wireless network that uses RADIUS as the authentication server and has the strongest encryption type which of the following would be the BEST solution?

- A. WPA2 Enterprise with AES
- B. WPA with PSK
- C. WPA2 Enterprise with TKIP
- D. WPA with TKIP

**Correct Answer: A**

**QUESTION 16**

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

**Correct Answer: C**

**QUESTION 17**

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 eSATA BDXL drive
- B. Install a USB 3.0 card, and connect a BDXL drive
- C. Connect the BDXL to a USB 2.0 port
- D. Add an internal BDXL drive

**Correct Answer: C**

**QUESTION 18**

A user reports that all printout to a locally attached printer show only garbled characters. Which of following troubleshoot the issue?

- A. Programs and Features
- B. Performance monitor
- C. System Configuration
- D. Device Manager

**Correct Answer: A**

**QUESTION 19**

A user reports that every time a document is printed to a laser printer, the document lettering smudges making it unreadable. Which of the following is the cause?

- A. The print server is receiving error codes.
- B. The toner cartridge is leaking
- C. The fuser is not functioning property
- D. The Ink has not fully dried

**Correct Answer: C**

**QUESTION 20**

Which of the following is an advantage of wearable technology over standard accessories?

- A. Incoming call notifications
- B. Longer battery life
- C. Easily set wake-up alarms
- D. Ability to check the time

**Correct Answer: C**