

CompTIA

220-901 Exam

CompTIA A+ Exam

**Questions & Answers
Demo**

Version: 15.0

Question: 1

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

Question: 2

A technician is securely accessing a remote router to check the running configuration. To do so, the technician need to an application that utilizes which of the following protocols?

- A. Telnet
- B. RDP
- C. LDAP
- D. SSH

Answer: D

Question: 3

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

Question: 4

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

Answer: B

Question: 5

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. 64.65.128/24
- C. 172.16.1.0/24
- D. 192.168.10.0/25

Answer: B

Question: 6

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

Question: 7

A technician is building a new PC and notices that it has 8 DIMM sockets labeled 0 through 7 Four are white and four are blue Which of the following should the technician do FIRST?

- A. Install the memory in the four white slots
- B. Install the memory in the four blue slots
- C. Consult the motherboard documentation
- D. Install the memory in slots 0 through 3
- E. Fill all slots with memory

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 2]

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

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

Answer: D

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

Answer: C

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

Answer: C

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

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

Answer: D

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

Answer: D

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. WAP with PSK
- C. WPA2 Enterprise with TKIP
- D. WPA with TKIP

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

Answer: D

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.

Answer: B

Question: 18

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

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

Answer: D

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

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

Answer: A

Question: 21

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

Question: 22

Users are experiencing an issue with an office laser printer. A technician discovers toner dust is falling off the page; but some remains on the paper. Which of the following is MOST likely the Issue?

- A. Drum
- B. Print head
- C. Transfer roller

- D. Fuser
- E. Toner cartridge

Answer: C

Question: 23

Which of the following integrated devices in a laptop allows the users to capture images and audio?

- A. Digitizer
- B. TV tuner
- C. Webcam
- D. Biometric scanner

Answer: A

Question: 24

An educational consulting company requires a new multifunction printer. The company prints a very high volume, including a number of full-color brochures and educational materials. Which of the following print solution type is MOST appropriate for this company?

- A. Color inkjet printer
- B. line printer
- C. Thermal printer
- D. Monochrome laser printer
- E. color laser printer

Answer: C

Question: 25

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

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

Question: 26

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

Question: 27

A user has a PC with RAID configuration and reports slow computer performance. A technician uses the manufacturer'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

Question: 28

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

Question: 29

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 following connection types best matches these characteristics?

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

Answer: D

Question: 30

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

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