

CompTIA

Exam Questions 220-1101

CompTIA A+ Certification Exam: Core 1



NEW QUESTION 1

Which of the following components enables the input on a mobile device's touch screen?

- A. OLED
- B. Digitizer
- C. Inverter
- D. CMOS sensor

Answer: B

NEW QUESTION 2

Which of the following should the data center hardware technician implement to ensure maximum uptime for customers' virtual machines?

- A. Line conditioner
- B. AC voltage regulator
- C. Uninterruptible power supply
- D. Cloud storage backup

Answer: C

NEW QUESTION 3

A field technician has been dispatched to a site with an internet outage. Upon arriving, the technician discovers that the POTS lines are not working as well. Which of the following technologies is the site MOST likely using?

- A. Fiber
- B. Cable
- C. DSL
- D. Satellite

Answer: C

NEW QUESTION 4

A customer reports that a computer is never able to reach more than a 100Mbps transfer data rate, even when using a Gigabit LAN card. While troubleshooting, the technician notices the network cable needs to be replaced. Which of the following cable categories is limiting the transfer speed?

- A. Cat 5
- B. Cat 5e
- C. Cat 6
- D. Cat 6a

Answer: A

NEW QUESTION 5

A user on a SOHO network is unable to watch online videos, even at 240 pixels. The technician runs ipconfig from the user's computer and records the following:

The technician then connects a test laptop to the router via the user's Cat 5 cable and records the following information:

Which of the following is MOST likely causing the user's issue?

- A. Incorrect IP address
- B. Faulty NIC
- C. Misconfigured default gateway
- D. Bad network cable

Answer: D

NEW QUESTION 6

A technician needs to recommend an internet connection for a customer who travels around the world and wants to have connectivity while visiting remote camping locations. Some of the locations the customer visits have limited or unreliable cellular service. Which of the following connection types should the technician recommend?

- A. Satellite
- B. DSL
- C. Fiber
- D. Hotspot

Answer: A

NEW QUESTION 7

A user reports that printed receipts have black smudges over the entire image. The text is still present but is very dark and sometimes illegible. Which of the following are the MOST likely cause and solution for the printer issue?

- A. The ribbon is jammed and is rubbing on the pape
- B. Clear the bad ribbon and feed it through properly.
- C. The printhead is too ho

- D. Adjust the temperature down and retry printing.
- E. The printer is loaded with the wrong type of paper.
- F. Replace the receipt paper with carbon paper.
- G. The blue ink cartridge was loaded with black ink.
- H. Put in the correct ink and clean the printhead.

Answer: C

NEW QUESTION 8

A technician is setting up a new desktop computer and will be installing the hard drive directly on the motherboard without using cables to connect it. Which of the following will the technician be installing?

- A. Thunderbolt
- B. eSATA
- C. M.2
- D. SCSI

Answer: A

NEW QUESTION 9

A user's mobile phone gets really hot to the touch and does not retain a charge. The user also reports that the phone is very slow, especially while charging. Which of the following is MOST likely causing these symptoms?

- A. Broken charging port
- B. Digitizer failure
- C. CPU overheating
- D. Defective battery

Answer: D

NEW QUESTION 10

A technician is commissioning a workstation that is required to have mirrored storage, utilizing two 4TB drives that support one failure. Which of the following BEST meets these requirements?

- A. RAID 0
- B. RAID 1
- C. RAID 5
- D. RAID 10

Answer: B

NEW QUESTION 10

Which of the following standards supports MIMO technology?

- A. 802.11a
- B. 802.11b
- C. 802.11g
- D. 802.11n

Answer: D

NEW QUESTION 13

A small ISP has hired a new technician Joe, the new technician, is being trained to configure customers' home networks. The training instructor gives the technician a starter kit with cables, cable ends, and other network equipment and asks him to build a working network.

The computer should be connected to have internet connectivity and the phone should be connected to have a dial tone.

INSTRUCTIONS

Use the appropriate cables, cable ends, tools and equipment to configure the network and connect the components accordingly.

There are 3 steps and the simulation starts on step 1.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

A picture containing text, screenshot, indoor Description automatically generated

Diagram Description automatically generated with medium confidence

NEW QUESTION 16

An organization is looking to upgrade the processing ability for its computers. Most users report that whenever multiple applications are being utilized, the system's response time slows down drastically. When only one application is open, the response time is acceptable. Which of the following should be upgraded FIRST?

- A. SSD
- B. CPU
- C. HDD
- D. RAM

Answer: C

NEW QUESTION 17

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