

# EXAM✓CRAM

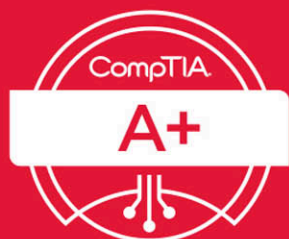
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# CompTIA® A+

## 220-901 220-902

## Practice Questions



PEARSON IT  
CERTIFICATION



DAVID L. PROWSE

**EXAM✓CRAM**

**CompTIA® A+  
220-901 and  
220-902**

**Practice Questions**

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**Quick Check**

36. Which type of cache memory is shared by all cores of a CPU?

- ☐ A. L1
- ☐ B. L2
- ☐ C. L3
- ☐ D. DRAM

Quick Answer: **92**

Detailed Answer: **98**

37. Which technology calculates two independent sets of instructions simultaneously, simulating two CPUs?

- ☐ A. Hyper-threading
- ☐ B. HyperTransport
- ☐ C. Turbo Boost
- ☐ D. Multi-core

Quick Answer: **92**

Detailed Answer: **98**

38. Which of the following is used to measure TDP?

- ☐ A. Volts
- ☐ B. Watts
- ☐ C. Ohms
- ☐ D. Amps

Quick Answer: **92**

Detailed Answer: **99**

39. You are tasked with plugging a network patch cable into an inactive drop within a user's cubicle. Which of the following tools enables you to find the correct network drop in the wiring closet so that you can make the port hot?

- ☐ A. PSU tester
- ☐ B. Multimeter
- ☐ C. Cable tester
- ☐ D. Tone and probe kit

Quick Answer: **92**

Detailed Answer: **99**

40. You think that the power supply in your PC might be failing, causing issues with a SATA drive. You decide to test the SATA drive. Which of the following are the standard voltages of a SATA connection on an ATX power supply?

- ☐ A. 3.3 V, 5 V, 12 V
- ☐ B. -3.3 V, 5 V, -12 V
- ☐ C. -5 V, 5 V, 12 V
- ☐ D. 5 V and 12 V

Quick Answer: **92**

Detailed Answer: **99**

**Quick Check**

41. You just installed a maintenance kit to a laser printer. Which of the following steps should be taken next?

- ☐ A. You should restore the printer to factory settings.
- ☐ B. You should print a test page.
- ☐ C. You should refill the paper trays.
- ☐ D. You should restart the printer.

Quick Answer: **92**

Detailed Answer: **99**

42. Which type of external connection allows for the fastest hard drive data rate?

- ☐ A. USB 2.0
- ☐ B. eSATA
- ☐ C. IEEE 1394a
- ☐ D. 1000BASE-T

Quick Answer: **92**

Detailed Answer: **99**

43. Which of the following represents the best solution for making a direct wireless connection between a laptop and a printer?

- ☐ A. FireWire
- ☐ B. IEEE 1284
- ☐ C. Bluetooth
- ☐ D. IEEE 1394

Quick Answer: **92**

Detailed Answer: **99**

44. Which of the following is defined as the movement of electric charge?

- ☐ A. Voltage
- ☐ B. Wattage
- ☐ C. Amperage
- ☐ D. Impedance

Quick Answer: **92**

Detailed Answer: **99**

45. Which of the following are the standard voltages in the United States for a home and for the internal workings of a PC?

- ☐ A. 240 V AC, 12 V DC
- ☐ B. 120 V AC, 240 V DC
- ☐ C. 240 V AC, 5 V DC
- ☐ D. 120 V AC, 12 V DC

Quick Answer: **92**

Detailed Answer: **100**

**Quick Check**

46. Which of the following should be used to clean a laser printer's rubber rollers?

☐ A. Soap and water  
☐ B. WD-40  
☐ C. Isopropyl alcohol  
☐ D. A moist cloth

Quick Answer: **92**Detailed Answer: **100**

47. An administrator cannot connect to a network volume. Which of the following is the best path for the administrator to use?

☐ A. \\computername\C\$\n  
☐ B. \\ipaddress\sharename  
☐ C. //computername/C\$\n  
☐ D. http://computername/C\n  
☐ E. \\computername\sharename

Quick Answer: **92**Detailed Answer: **100**

48. A coworker at a satellite office reports that a new replacement shared workgroup printer has arrived. It is the same model as the old one. Your coworker replaced the old printer and connected all the cables to the new printer. Which of the following is the easiest way to ensure that all the client computers can connect to the new printer via IPP?

☐ A. Name the new printer with the old printer name  
☐ B. Allow the printer to acquire a DHCP address  
☐ C. In DHCP, set a reservation by MAC address  
☐ D. Have your coworker print the configuration page

Quick Answer: **92**Detailed Answer: **100**

49. A user cannot connect to a printer with the following UNC path: \\10.10.1.5\printer1. Which of the following paths is the best solution?

☐ A. ipp://10.10.1.5/printer1  
☐ B. https://10.1.1.5/printer1  
☐ C. //10.10.1.5/printer1  
☐ D. http://10.10.1.5\printer1

Quick Answer: **92**Detailed Answer: **100**

50. Which of the following communications protocols is used to connect to websites over secure communications links?

☐ A. SSH  
☐ B. SFTP  
☐ C. HTTPS  
☐ D. Kerberos

Quick Answer: **92**Detailed Answer: **100**

**Quick Check**

51. Which of the following protocols can be used to configure and monitor network printer device status?

- ☐ A. SMTP
- ☐ B. SNMP
- ☐ C. TCP/IP
- ☐ D. IPP
- ☐ E. DNS

Quick Answer: **92**

Detailed Answer: **101**

52. Jake, your coworker, is planning on using an extension magnet to pick up a screw that dropped inside a computer case. What should you recommend he do before attempting this?

- ☐ A. Make sure the extension magnet is rubber coated
- ☐ B. Back up the computer to prevent any potential loss of data
- ☐ C. Turn on the computer to prevent shorts
- ☐ D. Unplug the power cord to prevent shorts

Quick Answer: **92**

Detailed Answer: **101**

53. Which of the following are descriptions or examples of unicast IPv6 addresses? (Select the two best answers.)

- ☐ A. An address assigned to a group of interfaces where the packets are delivered to all interfaces
- ☐ B. An address assigned to one interface
- ☐ C. An address assigned to a group of interfaces where the packets are delivered to the first interface only
- ☐ D. A loopback address of ::1

Quick Answer: **92**

Detailed Answer: **101**

54. Which of the following symptoms would indicate to you that there is a power supply issue?

- ☐ A. The CPU is overclocking.
- ☐ B. The Wi-Fi range is reduced.
- ☐ C. Frequent failure of hard drives.
- ☐ D. Your CD burner takes longer to write than usual.

Quick Answer: **92**

Detailed Answer: **101**

55. Which of the following custom PC configurations require powerful CPUs? (Select the three best answers.)

- ☐ A. CAD/CAM workstation
- ☐ B. Audio/video editing workstation
- ☐ C. Virtualization workstation
- ☐ D. Gaming PC
- ☐ E. Home theater PC
- ☐ F. Home server PC

Quick Answer: **92**

Detailed Answer: **101**

**Quick Check**

56. You need to install a device that can read groupings of parallel lines. Which of the following devices should be selected?

☐ A. Biometric scanner  
☐ B. Image scanner  
☐ C. Barcode reader  
☐ D. Touchpad

Quick Answer: **92**

Detailed Answer: **102**

57. You are building a new PC and want to select a motherboard that supports the Scalable Link Interface (SLI) technology so you can install two SLI video cards connected by a bridge. Which of the following expansion slots should the motherboard have for your two video cards?

☐ A. Two PCIe version 2 slots  
☐ B. Two PCIe version 3 slots  
☐ C. A PCI and PCIe slot  
☐ D. A USB port and PCIe slot

Quick Answer: **92**

Detailed Answer: **102**

58. You are building a new PC for a customer. Which of the following is the most valid reason why you would select SATA 3.0 over the original SATA 2.0?

☐ A. You are installing an external SATA drive.  
☐ B. You are attempting to implement hot-swapping functionality.  
☐ C. You are trying to optimize the system for audio and video.  
☐ D. You do not want to use jumpers.

Quick Answer: **92**

Detailed Answer: **102**

59. Which of the following is the *best* tool to use to reach a screw that has fallen into a computer case and out of reach?

☐ A. Pliers  
☐ B. Wrist strap  
☐ C. Tweezers  
☐ D. Extension magnet

Quick Answer: **92**

Detailed Answer: **102**

60. You need to replace RAM in a PC that currently uses PC3-10600 memory. Unfortunately, you do not have any RAM meeting that exact specification. Which RAM should you install?

☐ A. PC3-6400  
☐ B. PC3-8500  
☐ C. PC3-12800  
☐ D. DDR3-1066

Quick Answer: **92**

Detailed Answer: **102**

**Quick Check**

**61.** Which of the following RAID arrays is fault-tolerant and allows you to do striping with parity?

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

Quick Answer: **92**

Detailed Answer: **102**

**62.** Which of the following are two possible reasons that an optical mouse cursor erratically jumps around the screen? (Select the two best answers.)

- ☐ **A.** It is using an incorrect mouse driver.
- ☐ **B.** The mouse trackball needs to be removed and cleaned.
- ☐ **C.** There's a conflict with the keyboard.
- ☐ **D.** It is on an uneven surface.
- ☐ **E.** The mouse needs to be charged.

Quick Answer: **92**

Detailed Answer: **103**

**63.** When you are dealing with a power issue, which of the following should be checked first?

- ☐ **A.** Input devices
- ☐ **B.** Network cabling
- ☐ **C.** Wall outlet
- ☐ **D.** Power supply

Quick Answer: **92**

Detailed Answer: **103**

**64.** When a computer receives the IP address 169.254.127.1, which of the following has failed?

- ☐ **A.** DHCP
- ☐ **B.** DNS
- ☐ **C.** WINS
- ☐ **D.** APIPA

Quick Answer: **92**

Detailed Answer: **103**

**65.** Emergency! Your boss forgot the password to the BIOS/UEFI on a computer. Which of the following methods helps you to reset the password?

- ☐ **A.** Removing the RAM from the motherboard
- ☐ **B.** Removing the CMOS battery from the motherboard
- ☐ **C.** Removing the RAM jumper from the motherboard
- ☐ **D.** Removing the main power connection from the motherboard

Quick Answer: **92**

Detailed Answer: **104**