

## CompTIA A+ Certification Practice Test 9 (Exam 220-901)

► Which of the following connector types are used with twisted-pair copper cabling? (Select all that apply)

☐ ☐ ☐ ST

☐ ☒ ☐ RJ-45 (✖ Missed)

☐ ☐ ☐ RG-6

☐ ☒ ☐ RJ-11 (✖ Missed)

☐ ☐ ☐ F-connector

☐ ☐ ☐ BNC

☐ ☐ ☐ RG-59

🚫 Your answer to this question is incorrect.

► What are the characteristic features of the RJ-11 connector? (Select 2 answers)

☐ ☒ ☐ Used with telephone cabling (✖ Missed)

☐ ☒ ☐ Copper cabling connector (✖ Missed)

☐ ☐ ☐ Used with Ethernet network cabling

☐ ☐ ☐ Fiber-optic cabling connector

☐ ☐ ☐ Coaxial cabling connector

🚫 Your answer to this question is incorrect.

► Which of the connector types listed below plugs into a port of an Ethernet NIC?

☐ ☐ ☐ DB15

☐ ☐ ☐ S/PDIF

☐ ☐ ☐ RCA

☐ ☒ ☐ RJ-45 (✖ Missed)

🚫 Your answer to this question is incorrect.

► What are the characteristic features of the RJ-45 connector? (Select 2 answers)

☐ ☐ ☐ Used with telephone cabling

☐ ☐ ☐ Coaxial cabling connector


☐ ☒ ☐ Used with Ethernet network cabling (✖ Missed)


☐ ☒ ☐ Copper cabling connector (✖ Missed)

☐ ☐ ☐ Fiber-optic cabling connector

🚫 Your answer to this question is incorrect.


► A single copper-based Thunderbolt cable provides the capability for a simultaneous transfer of: (Select all that apply)

☐ ☒  Data from connected PCI Express (PCIe) devices (✖ Missed)

☐ ☒  DC power (✖ Missed)

☐ ☒  Data from connected DisplayPort devices (✖ Missed)

☐ ☐ ☐ AC power

 Your answer to this question is incorrect.


► Which of the following answers lists the maximum allowable length for Thunderbolt copper cabling?

☐ ☒  3 meters (✖ Missed)

☐ ☐ ☐ 4.5 meters

☐ ☐ ☐ 5 meters

☐ ☐ ☐ 10 meters

 Your answer to this question is incorrect.


► What is the maximum length of a fiber-optic Thunderbolt cable?

☐ ☐ ☐ 30 meters

☐ ☐ ☐ 40 meters


☐ ☐ ☐ 50 meters

☐ ☒  60 meters (✖ Missed)

 Your answer to this question is incorrect.

► Thunderbolt v1 supports data transfer rates of: (Select 2 answers)

☐ ☐ ☐ 15 Gbps per channel


☐ ☒  20 Gbps (total bandwidth) (✖ Missed)

☐ ☒  10 Gbps per channel (✖ Missed)

☐ ☐ ☐ 40 Gbps (total bandwidth)

☐ ☐ ☐ 20 Gbps per channel

☐ ☐ ☐ 30 Gbps (total bandwidth)

 Your answer to this question is incorrect.


► Thunderbolt v2 allows for combining two physical channels into a single logical channel which results in a maximum available throughput of up to:

☐ ☐ ☐ 10 Gbps

☐ ☒  20 Gbps (✖ Missed)

☐ ☐ ☐ 30 Gbps

☐ ☐ ☐ 40 Gbps

 Your answer to this question is incorrect.

► Thunderbolt v3 increases the bandwidth offered by its predecessors to:

☐ ☐ ☐ 10 Gbps

☐ ☐ ☐ 20 Gbps

☐ ☐ ☐ 30 Gbps

☐ ☒ ☐ 40 Gbps (✗ Missed)

🚩 Your answer to this question is incorrect.

► Connector types used with Thunderbolt devices include: (Select 2 answers)

☐ ☐ ☐ USB Type-A

☐ ☐ ☐ DVI-A

☐ ☒ ☐ Mini DisplayPort (MDP) (✗ Missed)

☐ ☐ ☐ USB Type-B

☐ ☐ ☐ VGA connector

☐ ☒ ☐ USB Type-C (✗ Missed)

🚩 Your answer to this question is incorrect.

► Which of the following answers list(s) examples of wireless connectivity media? (Select all that apply)

☐ ☒ ☐ RF (✗ Missed)

☐ ☐ ☐ HDMI

☐ ☐ ☐ IEEE 802.3

☐ ☒ ☐ IR (✗ Missed)

☐ ☒ ☐ NFC (✗ Missed)

☐ ☒ ☐ Bluetooth (✗ Missed)

🚩 Your answer to this question is incorrect.

► The 15-pin ATX PSU SATA power connector supplies electrical power at the voltage(s) of: (Select all that apply)

☐ ☐ ☐ +3 V

☐ ☒ ☐ +3.3 V (✗ Missed)

☐ ☐ ☐ +4 V

☐ ☒ ☐ +5 V (✗ Missed)

☐ ☒ ☐ +12 V (✗ Missed)

🚩 Your answer to this question is incorrect.


► Which of the auxiliary PC connectors is used for supplying dedicated power to the CPU?

☐ ☒ ☐ 4/8-pin 12v (✗ Missed)

☐ ☐ ☐ P1

☐ ☐ ☐ PCIe 6/8-pin


☐ ☐ ☐ T568B

 Your answer to this question is incorrect.


▶ Which of the following connectors would be used to increase the power consumption limit for a high-end graphics card?

☐ ☐ ☐ T568A


☐ ☐ ☐ 15-pin VGA

☐ ☒  PCIe 6/8-pin (✗ Missed)


☐ ☐ ☐ 4/8-pin 12v

 Your answer to this question is incorrect.

▶ The optional 6-pin PCIe connector increases the maximum allowable power consumption of a PCIe card by additional 75 Watts.


☐ ☒  True (✗ Missed)

☐ ☐ ☐ False

 Your answer to this question is incorrect.


▶ The optional 8-pin PCIe power connector increases the power consumption limit for connected device to:

☐ ☐ ☐ 75 W

☐ ☒  150 W (✗ Missed)


☐ ☐ ☐ 25 W

☐ ☐ ☐ 125 W

 Your answer to this question is incorrect.

▶ ATX PSU connectors providing main power to the PC motherboard consist of: (Select 2 answers)


☐ ☐ ☐ 14 pins

☐ ☒  20 pins (✗ Missed)


☐ ☐ ☐ 22 pins

☐ ☒  24 pins (✗ Missed)


☐ ☐ ☐ 28 pins

 Your answer to this question is incorrect.

▶ PC Power Supply Units (PSUs) may accept an AC current of 110-120 volts (standard AC current in the United States and Canada) or 220-240 volts (European AC standard). A PSU might have either a manual selector switch on the back of the device for adjusting the supplied voltage (these types of PSUs are referred to as fixed-input devices), or automatically adapt to the supplied AC voltage (auto-switching PSUs).

☐ ☒  True (✗ Missed)

☐ ☐ ☐ False

 Your answer to this question is incorrect.


▶ Which of the acronyms listed below refers to the type of electric current supplied to most of the internal PC components?

☐ ☐ ☐ AC

☐ ☐ ☐ PFC

☐ ☒ ☐ ☐ DC (✖ Missed)


☐ ☐ ☐ A/V

 Your answer to this question is incorrect.

► PC Power Supply Units (PSUs) capable of operating with either 110-120 or 220-240 volt power input ranges are referred to as dual rail PSUs.

☐ ☐ ☐ True

☐ ☒ ☐ ☐ False (✖ Missed)

 Your answer to this question is incorrect.

► Which of the hardware requirements listed below should be given priority while assembling a custom graphic/CAD/CAM design workstation? (Select 3 answers)

☐ ☒ ☐ ☐ High-end GPU (✖ Missed)


☐ ☒ ☐ ☐ Multicore CPU (✖ Missed)

☐ ☐ ☐ High-end cooling

☐ ☒ ☐ ☐ Maximum amount of RAM (✖ Missed)

☐ ☐ ☐ High-capacity HDD

☐ ☐ ☐ Dual monitors

 Your answer to this question is incorrect.

► What type of hardware components would be the most important for an A/V editing workstation? (Select all that apply)

☐ ☐ ☐ Maximum amount of RAM


☐ ☒ ☐ ☐ Specialized sound card (✖ Missed)

☐ ☒ ☐ ☐ Dual monitors (✖ Missed)

☐ ☒ ☐ ☐ Specialized GPU (✖ Missed)

☐ ☐ ☐ Multicore CPU

☐ ☒ ☐ ☐ High-capacity fast HDD (✖ Missed)

 Your answer to this question is incorrect.

► For best performance, a custom workstation designed for virtualization tasks requires: (Select 2 answers)


☐ ☐ ☐ High-capacity HDD

☐ ☒ ☐ ☐ Maximum amount of RAM (✖ Missed)

☐ ☐ ☐ Specialized GPU

☐ ☐ ☐ High-end cooling

☐ ☒ ☐ ☐ Multicore CPU (✖ Missed)

 Your answer to this question is incorrect.

► Which of the following hardware requirements should be given priority while building a PC designed for computer gaming? (Select all that apply)

☐ ☐ ☐ Dual monitors


☐ ☒ ☐ Multicore CPU (✕ Missed)

☐ ☐ ☐ High-capacity fast HDD

☐ ☒ ☐ Specialized GPU (✕ Missed)

☐ ☒ ☐ High-end cooling (✕ Missed)

☐ ☒ ☐ High definition sound card (✕ Missed)

 Your answer to this question is incorrect.

#### Your Final Report

Total marks	47
Total Questions	25
Questions correctly answered	0
Success ratio	0%
Marks secured	0
Percentage secured	0%



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