CompTIA A+ Certification Practice Test 7 (Exam 220-901)

▸ As opposed to active cooling components such as cooling fans, heat sinks fall into the category of passive cooling components because they do not need to draw any electrical power in order to operate.

○ ✔ 👎 True (✖ Missed)

○ ○ ○ False

⛔ Your answer to this question is incorrect.

▸ Which of the following answers describe the features of Socket FM2? (Select 3 answers)

☐ ☐ ☐ LGA packaging

☐ ☐ ☐ Intel CPU socket

☐ ☐ ☐ 905 contacts

☐ ☐ ☐ PGA packaging

☐ ✔ 👎 AMD CPU socket (✖ Missed)

☐ ✔ 👎 PGA-ZIF packaging (✖ Missed)

☐ ✔ 👎 904 contacts (✖ Missed)

⛔ Your answer to this question is incorrect.

▸ A 64-bit CPU can be used either with a 32-bit or 64-bit version of the Microsoft Windows operating system.

○ ✔ 👎 True (✖ Missed)

○ ○ ○ False

⛔ Your answer to this question is incorrect.

▸ What are the characteristic features of Socket FM2+? (Select 3 answers)

☐ ✔ 👎 906 contacts (✖ Missed)

☐ ☐ ☐ Intel CPU socket

☐ ☐ ☐ PGA packaging

☐ ✔ 👎 AMD CPU socket (✖ Missed)

☐ ☐ ☐ 905 contacts

☐ ☐ ☐ LGA packaging

☐ ✔ 👎 PGA-ZIF packaging (✖ Missed)

⛔ Your answer to this question is incorrect.

▸ Which of the terms listed below refers to a situation where a single CPU appears as two virtual CPUs to the operating system?

○ ○ ○ Stepping

○ ○ ○ Multicore

○ ✔ 👎 Hyperthreading (✖ Missed)

○ ○ ○ Multitasking

⛔ Your answer to this question is incorrect.

▸ What are the characteristic features of Socket AM3? (Select 3 answers)

☐ ☐ ☐ PGA packaging

☐ ☐ ☐ Intel CPU socket

☐ ✔ 👎 PGA-ZIF packaging (✖ Missed)

☐ ☐ ☐ 942 contacts

☐ ✔ 👎 AMD CPU socket (✖ Missed)

☐ ☐ ☐ LGA packaging

☐ ✔ 👎 941 contacts (✖ Missed)

⛔ Your answer to this question is incorrect.

▸ The most notable difference between Pin Grid Array (PGA) and Land Grid Array (LGA) packaging relates to the placement of contact pins, which in case of PGA can be found on the socket, and in case of LGA on the CPU.

○ ○ ○ True

○ ✔ 👎 False (✖ Missed)

⛔ Your answer to this question is incorrect.

▸ Which of the answers listed below refer(s) to solution(s) aimed at improving CPU heat dissipation? (Select all that apply)

☐ ✔ 👎 Heat sink (✖ Missed)

☐ ✔ 👎 CPU fan (✖ Missed)

☐ ☐ ☐ Dual rail

☐ ✔ 👎 Thermal paste (✖ Missed)

☐ ✔ 👎 Liquid-based cooling (✖ Missed)

☐ ☐ ☐ P1 connector

⛔ Your answer to this question is incorrect.

▸ Which of the following built-in functionalities allows a CPU to take over tasks normally executed by a dedicated graphics card?

○ ○ ○ DisplayPort

○ ✔ 👎 Integrated GPU (✖ Missed)

○ ○ ○ Multicore architecture

○ ○ ○ Hyperthreading

○ ○ ○ VGA mode

⛔ Your answer to this question is incorrect.

▸ What are the characteristic features of Socket FM1? (Select 3 answers)

☐ ✔ 👎 AMD CPU socket (✖ Missed)

☐ ✔ 👎 PGA-ZIF packaging (✖ Missed)

☐ ✔ 👎 905 contacts (✖ Missed)

☐ ☐ ☐ PGA packaging

☐ ☐ ☐ Intel CPU socket

☐ ☐ ☐ LGA packaging

☐ ☐ ☐ 904 contacts

⛔ Your answer to this question is incorrect.

▸ In CPU cooling, thermal compound is applied to fill in the narrow space between:

○ ✔ 👎 CPU and heat sink (✖ Missed)

○ ○ ○ Heat sink and CPU fan

○ ○ ○ CPU and cooling pad

○ ○ ○ Heat sink and cooling pad

⛔ Your answer to this question is incorrect.

▸ Which of the answers listed below refers to the area of implementation of No-eXecute bit (NX bit)?

○ ○ ○ Parity checks

○ ✔ 👎 Malware protection (✖ Missed)

○ ○ ○ Biometric authentication

○ ○ ○ Data backup

⛔ Your answer to this question is incorrect.

▸ What are the characteristic features of Socket AM3+? (Select 3 answers)

☐ ☐ ☐ LGA packaging

☐ ☐ ☐ 941 contacts

☐ ☐ ☐ PGA packaging

☐ ✔ 👎 AMD CPU socket (✖ Missed)

☐ ✔ 👎 PGA-ZIF packaging (✖ Missed)

☐ ✔ 👎 942 contacts (✖ Missed)

☐ ☐ ☐ Intel CPU socket

⛔ Your answer to this question is incorrect.

▸ A security feature used by CPUs for isolating areas of memory in order to prevent the execution of code from non-executable memory locations is known as:

○ ○ ○ Data Loss Prevention (DLP)

○ ✔ 👎 No-eXecute bit (NX bit) (✖ Missed)

○ ○ ○ Error-Correcting Code (ECC)

○ ○ ○ Parity bit

⛔ Your answer to this question is incorrect.

▸ Which of the CPU models listed below are compatible with the LGA 775 socket?

○ ○ ○ Celeron, Sempron, Pentium, Core i3, Core i5, Core i7, Xeon E3, Xeon E5, Xeon E7

○ ○ ○ Athlon II X2, Athlon II X3, Athlon II X4, Phenom II, Phenom II X2, Phenom II X4, Phenom II X6, FX

○ ✔ 👎 Pentium 4, Pentium D, Celeron, Celeron D, Pentium XE, Core 2 Duo, Core 2 Extreme, Core 2 Quad, Xeon (✖ Missed)

○ ○ ○ Celeron, Pentium, Core i3, Core i5, Core i7, Xeon E3, Xeon E5, Xeon E7, Opteron

⛔ Your answer to this question is incorrect.

▸ Which of the following statements list(s) data transfer rates of the USB 1.1 standard? (Select all that apply)

☐ ☐ ☐ 400 Mbps

☐ ✔ 👎 12 Mbps (✖ Missed)

☐ ☐ ☐ 800 Mbps

☐ ☐ ☐ 5 Gbps

☐ ☐ ☐ 480 Mbps

☐ ✔ 👎 1.5 Mbps (✖ Missed)

⛔ Your answer to this question is incorrect.

▸ USB version 1.1 offers two data transfer speeds: 1.5 Mbps designed for low data rate peripherals such as joysticks (sometimes referred to as "Low-Speed USB"), and 12 Mbps designed for higher-speed devices such as disk drives (sometimes referred to as "Full-Speed USB").

○ ✔ 👎 True (✖ Missed)

○ ○ ○ False

⛔ Your answer to this question is incorrect.

▸ USB 2.0 (aka "Hi-Speed USB") specifies the maximum data transfer rate of:

○ ○ ○ 800 Mbps

○ ✔ 👎 480 Mbps (✖ Missed)

○ ○ ○ 12 Mbps

○ ○ ○ 400 Mbps

⛔ Your answer to this question is incorrect.

▸ Which of the following statements apply to the USB 3.0 standard? (Select all that apply)

☐ ☐ ☐ USB 3.0 is also commonly referred to as Hi-Speed USB

☐ ✔ 👎 Backward compatibility with all preceding USB standards (✖ Missed)

☐ ☐ ☐ Speed of up to 800 Mbps

☐ ☐ ☐ USB 3.0 is also commonly referred to as Full-Speed USB

☐ ✔ 👎 Speed of up to 5 Gbps (✖ Missed)

☐ ✔ 👎 USB 3.0 is also commonly referred to as SuperSpeed USB (✖ Missed)

☐ ✔ 👎 Maximum practical cable length of 3 meters (✖ Missed)

⛔ Your answer to this question is incorrect.

▸ The Universal Serial Bus (USB) standard specifies that type A connectors can be attached to: (Select 2 answers)

☐ ☐ ☐ Target devices

☐ ✔ 👎 Devices that supply power (✖ Missed)

☐ ✔ 👎 Host devices (✖ Missed)

☐ ☐ ☐ Any type of device

☐ ☐ ☐ Devices that receive power

⛔ Your answer to this question is incorrect.

▸ What is the maximum number of USB devices that can be connected to a single USB host controller?

○ ○ ○ 31

○ ○ ○ 63

○ ✔ 👎 127 (✖ Missed)

○ ○ ○ 255

⛔ Your answer to this question is incorrect.

▸ The Universal Serial Bus (USB) standard specifies that type B connectors can be attached to: (Select 2 answers)

☐ ✔ 👎 Target devices (✖ Missed)

☐ ☐ ☐ Devices that supply power

☐ ☐ ☐ Host devices

☐ ☐ ☐ Any type of device

☐ ✔ 👎 Devices that receive power (✖ Missed)

⛔ Your answer to this question is incorrect.

▸ What is the maximum allowable cable length for USB devices?

○ ○ ○ 18 inches

○ ○ ○ 4.5 meters

○ ✔ 👎 5 meters (✖ Missed)

○ ○ ○ 1 meter

⛔ Your answer to this question is incorrect.

▸ Which of the statements listed below apply to USB? (Select all that apply)

☐ ✔ 👎 Hot-pluggable devices (✖ Missed)

☐ ☐ ☐ Parallel communication interface

☐ ✔ 👎 Bootable devices (✖ Missed)

☐ ✔ 👎 Serial communication interface (✖ Missed)

⛔ Your answer to this question is incorrect.

▸ "FireWire" is another term for which of the following standards?

○ ○ ○ IEEE 802.11

○ ○ ○ IEEE 1284

○ ○ ○ IEEE 802.3

○ ✔ 👎 IEEE 1394 (✖ Missed)

⛔ Your answer to this question is incorrect.

Your Final Report	
Total marks	46
Total Questions	25
Questions correctly answered	0
Success ratio	0%
Marks secured	0
Percentage secured	0%

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Windows System Utilities Quiz (/comptia-a-plus-certification-exam-windows-system-utilities-quiz)

Basic Linux Commands Quiz (/comptia-a-plus-certification-exam-basic-linux-commands-quiz)

Security Threats & Vulnerabilities Quiz (/comptia-a-plus-certification-exam-security-threats-and-vulnerabilities-quiz)

Software Troubleshooting Quiz (/comptia-a-plus-certification-exam-software-troubleshooting-quiz)

Operational Procedures Quiz (/comptia-a-plus-certification-exam-operational-procedures-quiz)

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