CompTIA A+ Certification Practice Test 4 (Exam 220-901)

▸ Which of the following answers lists the number of pins used by SO-DIMM DDR SDRAM memory modules?

○ ○ ○ 168

○ ○ ○ 172

○ ✔ 👎 200 (✖ Missed)

○ ○ ○ 204

⛔ Your answer to this question is incorrect.

▸ DDR2 SO-DIMM memory modules have: (Select 2 answers)

☐ ✔ 👎 144 pins (✖ Missed)

☐ ☐ ☐ 172 pins

☐ ✔ 👎 200 pins (✖ Missed)

☐ ☐ ☐ 214 pins

☐ ☐ ☐ 240 pins

⛔ Your answer to this question is incorrect.

▸ What is the number of contact pins used by SO-DIMM DDR3 SDRAM modules?

○ ○ ○ 168

○ ○ ○ 172

○ ✔ 👎 204 (✖ Missed)

○ ○ ○ 214

⛔ Your answer to this question is incorrect.

▸ A memory module form factor commonly used in sub-notebook devices is known as:

○ ○ ○ C-RIMM

○ ✔ 👎 MicroDIMM (✖ Missed)

○ ○ ○ SO-DIMM

○ ○ ○ DIMM

⛔ Your answer to this question is incorrect.

▸ Which of the answers listed below refers to the number of pins used by MicroDIMM DDR SDRAM memory modules?

○ ○ ○ 168

○ ✔ 👎 172 (✖ Missed)

○ ○ ○ 204

○ ○ ○ 214

⛔ Your answer to this question is incorrect.

▸ What is the number of contact pins used by MicroDIMM DDR2 SDRAM modules?

○ ○ ○ 200

○ ○ ○ 204

○ ✔ 👎 214 (✖ Missed)

○ ○ ○ 240

⛔ Your answer to this question is incorrect.

▸ ECC type RAM:

○ ○ ○ Can only detect errors, but does not have the capability to correct them

○ ○ ○ Refers to parity RAM (the two terms are interchangeable)

○ ○ ○ Offers better performance in terms of speed when compared to a non-ECC type of RAM

○ ✔ 👎 Can detect and correct errors (✖ Missed)

⛔ Your answer to this question is incorrect.

▸ Certain types of RAM take advantage of an additional bit in order to detect whether a data error has occurred. An extra bit is used to store information about the number of bits set to the value of one in a given string of data (typically one byte) and by examining that information at different stages of processing it is possible to detect whether the data has been corrupted or not. What is the name of that extra bit?

○ ○ ○ Digest

○ ○ ○ Archive bit

○ ○ ○ Hash value

○ ✔ 👎 Parity bit (✖ Missed)

⛔ Your answer to this question is incorrect.

▸ Compared to a non-ECC type of memory, the ECC RAM is a less expensive option and will always perform faster.

○ ○ ○ True

○ ✔ 👎 False (✖ Missed)

⛔ Your answer to this question is incorrect.

▸ The color-coded memory slots on the motherboard indicate that the system is capable of taking advantage of the multi-channel memory architecture.

○ ✔ 👎 True (✖ Missed)

○ ○ ○ False

⛔ Your answer to this question is incorrect.

▸ Which of the following characteristics apply to the type of RAM most commonly used as the main system memory in desktop PCs? (Select 3 answers)

☐ ☐ ☐ Buffered memory

☐ ✔ 👎 Non-ECC memory (✖ Missed)

☐ ☐ ☐ Static RAM

☐ ✔ 👎 Unbuffered memory (✖ Missed)

☐ ✔ 👎 Dynamic RAM (✖ Missed)

☐ ☐ ☐ ECC memory

⛔ Your answer to this question is incorrect.

▸ Taking advantage of the performance benefits offered by the multi-channel memory architecture requires: (Select all that apply)

☐ ✔ 👎 Memory modules of matching types (✖ Missed)

☐ ✔ 👎 Memory modules of matching speeds (✖ Missed)

☐ ☐ ☐ Installing memory modules in any of the free memory slots on the motherboard

☐ ✔ 👎 Memory modules of the same capacity (✖ Missed)

☐ ✔ 👎 Installing modules in appropriate memory slots (slots of matching color) on the motherboard (✖ Missed)

⛔ Your answer to this question is incorrect.

▸ A type of typically more expensive memory modules equipped with additional circuitry designed to ensure better system stability and accuracy of data processing is known as: (Select all that apply)

☐ ☐ ☐ VRAM

☐ ✔ 👎 Buffered memory (✖ Missed)

☐ ✔ 👎 RDIMM (✖ Missed)

☐ ☐ ☐ Synchronous DRAM

☐ ☐ ☐ UDIMM

☐ ☐ ☐ Unbuffered memory

⛔ Your answer to this question is incorrect.

▸ A single-sided memory module type can have memory chips placed on both sides of the module.

○ ✔ 👎 True (✖ Missed)

○ ○ ○ False

⛔ Your answer to this question is incorrect.

▸ Which of the following RAM types would be the most suitable choices for a high-end server? (Select 3 answers)

☐ ☐ ☐ UDIMM

☐ ✔ 👎 Buffered memory (✖ Missed)

☐ ☐ ☐ Non-ECC memory

☐ ✔ 👎 RDIMM (✖ Missed)

☐ ☐ ☐ Unbuffered memory

☐ ✔ 👎 ECC memory (✖ Missed)

⛔ Your answer to this question is incorrect.

▸ A special-purpose memory type used by graphics controllers is known as:

○ ○ ○ UDIMM

○ ○ ○ Registered memory

○ ○ ○ SRAM

○ ○ ○ MicroDIMM

○ ✔ 👎 VRAM (✖ Missed)

⛔ Your answer to this question is incorrect.

▸ Which of the memory types listed below allows for permanent storage of data?

○ ○ ○ VRAM

○ ✔ 👎 DVD-RAM (✖ Missed)

○ ○ ○ Static RAM

○ ○ ○ Buffered memory

○ ○ ○ DRAM

⛔ Your answer to this question is incorrect.

▸ A type of Printed Circuit Board (PCB) that can be installed in a motherboard slot in order to extend the system functionality is commonly referred to as an expansion card.

○ ✔ 👎 True (✖ Missed)

○ ○ ○ False

⛔ Your answer to this question is incorrect.

▸ What type of safety measures should accompany the installation of an adapter card?

○ ✔ 👎 ESD protection (✖ Missed)

○ ○ ○ EMI protection

○ ○ ○ RFI protection

○ ○ ○ EMP protection

⛔ Your answer to this question is incorrect.

▸ If a system fails to autoconfigure the newly added adapter card through PnP, finishing the configuration process requires manual installation of device drivers.

○ ✔ 👎 True (✖ Missed)

○ ○ ○ False

⛔ Your answer to this question is incorrect.

▸ A type of daughterboard equipped with expansion slots providing the capability for attaching further expansion cards that are placed parallel with the mainboard in order to save space inside the system case is known as:

○ ○ ○ FireWire card

○ ✔ 👎 Riser card (✖ Missed)

○ ○ ○ Storage card

○ ○ ○ Thunderbolt card

⛔ Your answer to this question is incorrect.

▸ Which of the following answers list(s) example(s) of storage media type(s) that can be read, but not written to? (Select all that apply)

☐ ☐ ☐ BD-R

☐ ✔ 👎 CD-ROM (✖ Missed)

☐ ☐ ☐ DVD-RW

☐ ☐ ☐ BD-RE

☐ ✔ 👎 DVD-ROM (✖ Missed)

☐ ☐ ☐ CD-RW

⛔ Your answer to this question is incorrect.

▸ Which of the terms listed below refers to computer data storage systems, data storage devices, and data storage media that can be written to once, but read from multiple times?

○ ○ ○ DVD-RW

○ ○ ○ Tape library

○ ○ ○ Floppy disk

○ ✔ 👎 WORM (✖ Missed)

⛔ Your answer to this question is incorrect.

▸ Which of the following is an example of Write Once, Read Many (WORM) storage media type?

○ ✔ 👎 BD-R (✖ Missed)

○ ○ ○ Flash drive

○ ○ ○ CD-RW

○ ○ ○ Magnetic tape

○ ○ ○ CD-ROM

⛔ Your answer to this question is incorrect.

▸ What are the storage limitations of a standard CD-ROM media format? (Select 2 answers)

☐ ✔ 👎 Less than 800 MB of data storage capacity (✖ Missed)

☐ ☐ ☐ 120 minutes of uncompressed audio

☐ ☐ ☐ More than 800 MB of data storage capacity

☐ ✔ 👎 Up to 80 minutes of uncompressed audio (✖ Missed)

Your answer to this question is incorrect.

Your Final Report	
Total marks	36
Total Questions	25
Questions correctly answered	0
Success ratio	0%
Marks secured	0
Percentage secured	0%

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Display Devices Quiz (/comptia-a-plus-certification-exam-display-devices-quiz)
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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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