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Question 1

Question Type: MultipleChoice

eSight can manage both IP and POL equipment in Campus OptiX solution.

Options:

A- TRUE

B- FALSE

Answer:

A

Explanation:

eSight is Huawei's network management system (NMS) designed to provide centralized management for various network elements. In the context of the Campus OptiX solution, HCSA-Sales-Transmission & Access documents confirm that eSight supports converged management of both IP-based equipment (e.g., switches, routers) and POL components (e.g., OLTs, ONUs). This capability enables unified monitoring, configuration, and fault detection across the hybrid IP+POL architecture, enhancing operational efficiency. The statement is consistent with eSight's documented functionality, making it TRUE.

Question 2

Question Type: MultipleChoice

Huawei's OptiXtrans DC908 product is designed for the DCI application.

Options:

A- TRUE

B- FALSE

Answer:

A

Explanation:

The Huawei OptiXtrans DC908 is a high-performance Data Center Interconnect (DCI) solution designed specifically for DCI applications.

High-capacity transmission -- Supports 800G per wavelength to handle large-scale data center traffic.

Simplified deployment -- Uses intelligent management tools for plug-and-play operations.

High reliability -- Supports multi-layer protection and low latency for critical data center connectivity.

Thus, the correct answer is TRUE.

HCSA-Sales-Transmission & Access Official Documentation -- OptiXtrans DC908 for DCI

Huawei OptiXtrans DC908 Datasheet -- Section: Application Scenarios

Question 3

Question Type: MultipleChoice

DC908 key feature: Capacity is 47% higher than the industry average, the power consumption is 35% lower than the industry average.

Options:

A- TRUE

B- FALSE

Answer:

A

Explanation:

The OptiXtrans DC908's specifications in HCSA-Sales-Transmission & Access highlight:

Capacity 47% higher: DC908's 88T/fiber exceeds the industry average (around 60T/fiber), a ~47% increase, as derived from documented comparisons.

Power consumption 35% lower: At 0.13 W/G vs. the industry's 0.2 W/G, it achieves a 35% reduction.

Both claims align with DC908's key features, making the statement TRUE.

Question 4

Question Type: MultipleChoice

Web GUI is not applicable to a network with single device.

Options:

A- TRUE

B- FALSE

Answer:

B

Explanation:

The WebGUI (Web-based Graphical User Interface) for Huawei solutions like the OptiXtrans DC908 is designed for user-friendly management, including single-device scenarios. HCSA-Sales-Transmission & Access confirms that WebGUI can configure and monitor a standalone device (e.g., DC908), not just multi-device networks. The statement's negation is incorrect, making it FALSE.

Question 5

Question Type: MultipleChoice

What is the next generation for Wi-Fi 5?

Options:

A- Wi-Fi 6

B- Wi-Fi X

C- GWiFi

Answer:

A

Explanation:

Wi-Fi 5, based on the 802.11ac standard, is succeeded by Wi-Fi 6 (802.11ax), as per industry standards and HCSA-Sales-Transmission & Access materials. Wi-Fi 6 offers higher throughput, better efficiency, and support for more devices, making it the next generation. 'Wi-Fi X' and 'GWiFi' are not recognized standards or successors, so A is the correct answer.

Question 6

Question Type: MultipleChoice

PON is short for Passive Optical Network. It is a point-to-multipoint (P2MP) access mode.

Options:

A- TRUE

B- FALSE

Answer:

A

Explanation:

PON, or Passive Optical Network, is a telecom technology that uses fiber optics and passive components (e.g., splitters) to deliver broadband access. According to HCSA-Sales-Transmission & Access documentation, PON operates in a point-to-multipoint (P2MP) topology, where a single Optical Line Terminal (OLT) at the service provider's end connects to multiple Optical Network Units (ONUs) or Optical Network Terminals (ONTs) at customer premises via a shared optical distribution network (ODN). This distinguishes it from point-to-point (P2P) systems, which dedicate a fiber per user. The statement accurately describes PON's definition and architecture, making it TRUE.

Question 7

Question Type: MultipleChoice

Campus OptiX solution support smooth evolution from GPON to 10GPON.

Options:

A- TRUE

B- FALSE

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Answer:

A

Explanation:

Campus OptiX supports GPON (2.5Gbps) and evolves to 10GPON (10Gbps) using the same OLT and ODN, per HCSA-Sales-Transmission & Access, ensuring future-proofing, making the statement TRUE.

Question 8

Question Type: MultipleChoice

Huawei can provide Ethernet-based Switches and PON-based POL series of product.

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Options:

A- TRUE

B- FALSE

Answer:

A

Explanation:

Huawei is a leading provider of networking solutions, offering a broad portfolio that includes both Ethernet-based switches and Passive Optical Network (PON)-based POL products. According to HCSA-Sales-Transmission & Access documentation, Huawei's Ethernet switches (e.g., CloudEngine series) cater to traditional IP networks, while its POL series (e.g., Campus OptiX with OLTs and ONUs) leverages PON technology for all-optical enterprise LANs. This dual capability allows Huawei to address diverse customer needs, from traditional LANs to modern optical deployments, making the statement TRUE.

Question 9

Question Type: MultipleChoice

88T per fiber: Maximum capacity: 88T/fiber vs. 60T/fiber; 6.4T/U vs. 3.6T/U. Huawei has the lowest per-bit cost. Lowest power consumption: 0.13 W/G vs. 0.2 W/G, power consumption is 35% lower than the industry average.

Options:

- A- TRUE
- B- FALSE

Answer:

A

Explanation:

This statement aligns with the Huawei OptiXtrans DC908's key specifications in HCSA-Sales-Transmission & Access documents:

88T/fiber vs. 60T/fiber: DC908 achieves 88 terabits per fiber using Super C+L band, surpassing the industry's 60T/fiber average.

6.4T/U vs. 3.6T/U: It delivers 6.4T per rack unit (U), higher than the industry's 3.6T/U, optimizing space efficiency.

Lowest per-bit cost: High capacity and efficiency reduce the cost per bit, a core DC908 selling point.

Power consumption (0.13 W/G vs. 0.2 W/G): DC908's 0.13 watts per gigabit is 35% lower than the

industry's 0.2 W/G, as verified.

The statement is fully accurate, making it TRUE.

Question 10

Question Type: MultipleChoice

POL supports very good Wi-Fi Roaming, NAC, Free mobility and SDN features, so it will be suitable for any office scenarios.

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Options:

A- TRUE

B- FALSE

Answer:

A

Explanation:

POL in Campus OptiX supports Wi-Fi roaming, Network Access Control (NAC), free mobility, and Software-Defined Networking (SDN) via ONUs with Wi-Fi 6 and eSight management, per HCSA-Sales-Transmission & Access. This versatility suits various office scenarios, making the statement TRUE.

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