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Exam : **H19-102_V2.0**

Title : **HCSA-Sales-Transmission &
Access V2.0**

Vendor : **Huawei**

Version : **DEMO**

NO.1 What are the following advantages of Campus OptiX in the airport scenario?

- A.** Smart O&M
- B.** Ultimate Wi-Fi Experience
- C.** Up to 40km Coverage

Answer: A C

Explanation:

Huawei's Campus OptiX, based on POL technology, is tailored for various scenarios, including airports.

According to HCSA-Sales-Transmission & Access documents, the key advantages in the airport scenario include:

Smart O&M (A): Campus OptiX leverages eSight NMS for intelligent operations and maintenance, simplifying network management in large-scale environments like airports.

Up to 40km Coverage (C): POL's passive optical architecture supports long-distance coverage (up to 40km), ideal for expansive airport campuses.

Ultimate Wi-Fi Experience (B): While Campus OptiX supports high-speed connectivity, this advantage is more emphasized in scenarios like hotels or offices with Wi-Fi roaming features, not specifically highlighted for airports.

Thus, A and C are the verified advantages.

NO.2 PON is short for Passive Optical Network. It is a point-to-multipoint (P2MP) access mode.

- 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.

NO.3 Which of the following are the sub-scenarios for Campus OptiX (POL) in video surveillance?

- A.** Home monitoring
- B.** Public safety
- C.** Medium and large park monitoring
- D.** New track or airport terminal monitoring

Answer: B C D

Explanation:

Huawei's Campus OptiX (POL) solution is widely used for video surveillance in several sub-scenarios: #Public safety - Used in city-wide security and smart policing for real-time surveillance.

#Medium and large park monitoring - Supports security monitoring in industrial parks, university campuses, and commercial centers.

#New track or airport terminal monitoring - Enables high-resolution surveillance for rail stations and

airport terminals.

#Home monitoring - Home surveillance typically uses Wi-Fi-based or smaller-scale solutions, not POL technology.

Thus, the correct answers are B, C, and D.

NO.4 Huawei OptiXaccess brand represents ONU series product.

A. TRUE

B. FALSE

Answer: B

Explanation:

Huawei's OptiXaccess brand encompasses a broader range of access network solutions, not just ONUs.

HCSA-Sales-Transmission & Access materials describe OptiXaccess as including OLTs, ONUs, and related PON equipment for enterprise and residential access, not solely the ONU series. The statement's narrow scope is incorrect, making it FALSE.

NO.5 Which of the following services are supported by the Campus OptiX solution?

A. Internet

B. Telephone

C. Wi-Fi

D. TV

E. All of the above

Answer: E

Explanation:

Huawei's Campus OptiX solution is a multi-service network capable of delivering all major digital services over a single optical fiber infrastructure:

#Internet - High-speed broadband access via fiber.#Telephone - Supports traditional POTS and VoIP services.

#Wi-Fi - Provides fiber backhaul for wireless access points (APs).#TV (IPTV & CATV) - Distributes video services efficiently over the same network.

Since Campus OptiX can handle all these services, the correct answer is E (All of the above).

NO.6 eSight can manage both IP and POL equipment in Campus OptiX solution.

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.

NO.7 DCI is not the abbreviation for Data Center Interconnect.

A. TRUE

B. FALSE

Answer: B

Explanation:

DCI is Data Center Interconnect, per HCSA-Sales-Transmission & Access. The negation is incorrect, making it FALSE.

NO.8 Huawei can provide Ethernet-based Switches and PON-based POL series of product.

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.