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Cisco 500-210

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Topic Break Down

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QUESTION NO: 1

For which three functions are passive module USB ports used? (Choose three.)

A. optical power monitoring

B. wavelength provisioning

C. port security

D. lamp lighting for locating

E. serial number for inventory

F. cell phone charging

ANSWER: A D E

Explanation:

Passive-module USB ports provide a local service and identification interface for functions that support installation, operation, and maintenance of passive optical components. **optical power monitoring** is supported because the USB interface can provide access to monitored optical-power information, allowing field personnel to verify signal levels during commissioning and troubleshooting. **lamp lighting for locating** supports physical identification of the applicable passive module in a populated chassis or rack, which makes moves, additions, changes, and maintenance work more efficient. **serial number for inventory** is also a core use because the interface exposes module-identification data that can be captured for asset tracking, inventory control, and accurate documentation of the installed optical plant. These capabilities add operational visibility to otherwise passive hardware without requiring the module to perform wavelength switching or other active transport functions. Cisco optical-networking support resources and NCS 2000 product documentation describe the platform and its passive optical component ecosystem: Cisco NCS 2000 Series Support and Cisco NCS 2000 Series product information.

QUESTION NO: 5

Which option describes the purpose of the USB ports on the external connection unit of the NCS 2006?

A. to charge a USB powered device

B. load software via a thumb drive

C. inventory and monitoring of passive optical devices

D. multishelf management

ANSWER: C

Explanation:

The correct purpose is **inventory and monitoring of passive optical devices**. On the Cisco NCS 2006, the external connection unit provides USB connectivity for the passive optical components associated with the shelf. This supports the system's ability to identify installed passive devices and obtain information used for operational visibility, including component inventory and monitoring. In an optical transport environment, knowing which passive modules are present and being able to track their status helps operations teams maintain accurate physical-layer records, simplify service activities, and support troubleshooting without relying solely on manual documentation. This function is part of the NCS 2000 platform's design for modular DWDM transport deployments, in which passive optical elements can be integrated into managed network operations. Cisco's NCS 2000 documentation and product information describe the platform's optical transport architecture and hardware ecosystem, including the NCS 2006 shelf and its external interfaces. See the Cisco NCS 2000 Series data sheet and the Cisco NCS 2006 support documentation for platform and hardware references.

QUESTION NO: 7

Besides the controller cards, in which other location is the NCS 2006 database stored?

A. LCD unit

B. Fan tray

C. Power supplies

D. Chassis

ANSWER: A

Explanation:

The correct answer is **LCD unit**. In an NCS 2006 shelf, the shelf database is retained redundantly on the controller cards and in the LCD unit. This additional copy supports preservation of the shelf-specific configuration and inventory information associated with the chassis. Keeping the database in the LCD unit is particularly important for serviceability: when controller cards are replaced or the shelf is recovered, the system can use the retained shelf database information to help restore the correct operational context and minimize configuration loss. The LCD unit is therefore more than a local display and keypad interface; it also provides persistent storage used by the platform's database-redundancy design. Cisco's NCS 2006 hardware documentation describes the shelf components and the role of the LCD unit, while the NCS 2000 documentation set provides the applicable operational and maintenance guidance for this platform. See the Cisco NCS 2006 support documentation and Cisco's NCS 2006 database and LCD documentation search.