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Huawei H31-341

Huawei Certified ICT Professional-Transmission



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Product Version

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Latest Version: 6.0

Question: 1

When the standard Ethernet frame whose length is 64 Bytes is accessed to the Ethernet board, if the QinQ function is enabled, what is the actual frame length of the signal in the board?

- A. 80 Bytes
- B. 84 Bytes
- C. 64 Bytes
- D. 68 Bytes

Answer: D

Question: 2

Why is optical-layer grooming preferred over electrical-layer grooming for wavelength switching?

- A. It increases electrical power consumption.
- B. It avoids optical-to-electrical conversions, improving efficiency.
- C. It decreases available bandwidth.
- D. It requires full demultiplexing at every site.

Answer: B

Question: 3

An engineer observes LOS, RDI, and AIS alarms propagating across multiple nodes in an NG WDM network. Which three actions are appropriate to isolate the root cause?
(Choose THREE.)

- A. Check physical fiber links for continuity
- B. Verify if any optical amplifiers are reporting faults
- C. Ignore alarms and wait for system recovery
- D. Perform OTDR testing to locate fiber break
- E. Reset client-side Ethernet interfaces first

Answer: A,B,D

Question: 4

What is the main purpose of optical-layer grooming in NG WDM networks?

- A. To convert optical signals into microwave signals
- B. To add, drop, and pass through optical wavelengths dynamically
- C. To aggregate IP packets for Ethernet switching
- D. To perform electrical-layer switching at the OTN layer

Answer: B

Question: 5

In the case of the OptiX OSN equipment, when the standby board is normal, which of the following operations does not cause the active/standby switching of the cross-connect board or clock board?

- A. Deliver the active/standby switchover command.
- B. Open the upper and lower ejector levers of the active board at the same time.
- C. Delete the active cross-connect board or clock board logically.
- D. Perform a cold reset on the cross-connect or clock board.

Answer: C

Question: 6

Where is the fan board typically located in a Huawei transmission cabinet?

- A. Integrated inside service boards
- B. Mounted separately in the subrack or cabinet
- C. Attached to fiber splicing trays
- D. Embedded in optical connectors

Answer: B

Question: 7

Which two types of client services can be carried over packet services in MS-OTN?
(Choose TWO.)

- A. STM-16 TDM traffic

- B. Microwave RF signals
- C. Ethernet business services
- D. Low-speed E1 circuits via PWE3

Answer: C,D

Question: 8

How does Raman amplification differ from EDFA amplification in WDM systems?

- A. Raman amplification occurs within the fiber itself, while EDFA uses a doped fiber
- B. Raman amplification is electrical, while EDFA is purely optical
- C. EDFA supports fewer wavelengths than Raman amplification
- D. Raman amplification works only in microwave frequencies

Answer: A

Question: 9

Which two activities are part of NMS (Network Management System) routine maintenance?
(Choose TWO.)

- A. Physically polishing fiber end faces
- B. Backing up NE configuration data regularly
- C. Upgrading all router OSPF metrics
- D. Monitoring link alarms and event logs

Answer: B,D

Question: 10

Regarding the following three types of ODUk SNCP protection, which of the following types cannot be configured in the scenario where the working or protection path of the service is carried by two or more channels?

- A. SNC/I
- B. SNC/S and SNC/N
- C. SNC /N
- D. SNC/S

Answer: A

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