Vendor: Huawei

Exam Code: H31-311_V2.5

Exam Name: HCIA-Transmission V2.5

Version: DEMO

QUESTION 1
For OSN6800 equipment, which of the following slots does not have an electrical layer cross-backplane bus?

A. Slot1
B. Slot9
C. Slot10
D. Slot17

Answer: D

QUESTION 2
The dispersion coefficient is the time delay difference caused by the optical wavelength signal passing through the unit length of optical fiber within the unit wavelength interval. Which of the following is the unit of the dispersion coefficient?

A. ps/nm
B. ps/km
C. ps/nm.km
D. ps/km.nm

Answer: C

QUESTION 3
When LCK is inserted into the local ODUk signal, which processing will the downstream station system not perform?

A. Report ODUk_PM_LCK alarm
B. Insert DDUK_AIS information
C. Return DDUk_PM_BDI
D. Insert DDUk_PM_LCK alarm

Answer: D

QUESTION 4
Pointer adjustment is related to which of the following?

A. Clock
B. Rate
C. Expenses
D. Scrambling

Answer: A

QUESTION 5
Which of the following descriptions about multiplexing is correct? During byte interleaving multiplexing, the information payload and pointer bytes of each frame are interleaved and multiplexed according to the original values, and the segment overhead is also multiplexed accordingly.

A. STM-4 has 4 times the overhead of STM-1
B. The overhead in STM4 is newly integrated into only one set of overhead
C. The overhead number in STM-4 is the same as that in STM-1
D. Random generation of overhead in STM-4

Answer: B

QUESTION 6
The current sparse wavelength division multiplexing system generally operates in the band from 1271nm to 1611nm. Which of the following is the channel spacing?

A. 10nm
B. 5nm
C. 20nm
D. 18nm

Answer: C

QUESTION 7
How many 2M business work boards does OSN 7500 support at most? Which of the following is correct?

A. 1
B. 2
C. 3
D. 4

Answer: D

QUESTION 8
Which of the following alarms is not a switching condition for a two-fiber bidirectional multiplex section protection ring?

A. RLOS
B. MS_AIS
C. TU_AIS
D. B2_EXC

Answer: C

QUESTION 9
Which of the following databases is used by U2000 on PC/WIN2003?

A. Sybase
B. Microsoft SQL Server 2000
C. FoxPro
D. DB2

Answer: B

QUESTION 10
MPLS is a label forwarding technology. Which of the following was its original design purpose?

A. Improve the utilization rate of P addresses
B. Increase the forwarding speed of the router
C. Reduce network latency
D. Avoid broadcast storms

Answer: B

QUESTION 11
The value range of U-PTR is 0~782. When the receiving end receives invalid pointer values for 8 consecutive frames, which of the following alarms will the device generate?

A. AU-AIS
B. AU-LOP
C. MS-AIS
D. MS-RDI

Answer: B

QUESTION 12
Which of the following is the monitoring overhead used to monitor and report OTUk_DEG and OTUk_EXC alarms.

A. SM
B. PM
C. TCMi

Answer: A

QUESTION 13
Which of the following statements is wrong?

A. In the MPLS VPNE connection model, the network consists of the operator's backbone network and the user's various sites. The so-called VPN is the division of a set of sites. One VPN corresponds to a set of several sites.
B. The network construction of MPLS VPN is completed by the service provider. In this network construction, the service provider provides VPN services to users, and users do not feel the existence of the public network, as if they have independent network resources.
C. The backbone routers within the service provider's backbone network, that is, the routers that are not directly connected to the edge routers, are unaware of the existence of the VPN and are only responsible for data transmission within the backbone network.
D. All VPN construction, connection and management are performed on backbone routers.

Answer: D

QUESTION 14
Which of the following boards supports QinQ function?

A. EFT8
B. EGT2
C. EMS4
D. EMR2

Answer: C

QUESTION 15
Which of the following descriptions about the FIU board is correct?

A. The FIU board processes monitoring information.
B. FIU can complete the access and extraction of OSC channels.
C. In the OptiX OSN8800 equipment, when there is no signal input, the FIU board will report an alarm.
D. Whether it is an OLA station or an OADM station, one station only needs one FIU.

Answer: B

QUESTION 16
The multi-frame loaded 2M signal is the information of which time period?

A. 500us
B. 125us
C. 500ms
D. 125ms

Answer: A

QUESTION 17
In terms of protection capability, which of the following topologies has the strongest protection capability?

A. Linear topology
B. Star topology
C. Tree topology
D. Ring topology
E. Mesh topology

Answer: E

QUESTION 18
What is the function of the overhead TCM in ODUk?

A. Channel monitoring unlocking
B. Path Trace Identifier Overhead

C. Tandem connection monitoring overhead
D. General communication channel overhead

Answer: C

QUESTION 19
In which of the following optical fibers will the four-wave mixing phenomenon be most serious when the optical signal propagates, and will also cause the greatest transmission damage?

A. G.652
B. G.655
C. G.653
D. G.654

Answer: C

QUESTION 20
Which of the following reasons will not cause the network management to report a MUT_LOS alarm?

A. OTU board failure
B. DMUX board out port failure
C. The pigtail connecting the DMUX board out port and the OA board in port is faulty.
D. OA board in port failure

Answer: A

QUESTION 21
The SDH frame structure is a rectangular block frame based on which of the following options?

A. Bytes
B. Bit
C. Block D frame

Answer: A

QUESTION 22
RAMAN amplifier utilizes which of the nonlinear effects?

A. Self-Phase Modulation
B. Dispersion
C. Raman scattering
D. Four-wave mixing

Answer: C

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