Huawei

H31-311 Exam

HCNA-Transmission

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Version: 8.0

Question: 1

When a fiber cut test is performed on a normal MSP ring, which of the following alarms is reported? (Multiple Choice)

A. TU-AIS
B. R-LOS
C. APSJNDI
D. BD STATUS

Answer: BC

Question: 2

When a bridge uses the IVL learning mode, the entry in the MAC address table is created according to the source MAC address and source port of the data frame. This entry is valid for all VLANs.

A. TRUE
B. FALSE

Answer: B

Question: 3

Compared with a dense wavelength division multiplexing (DWDM) system, a coarse wavelength division multiplexing (CWDM) system provides a certain number of wavelengths and a transmission distance within ( ) km, which greatly reduces system cost and has strong flexibility.

A. 50
B. 100
C. 200
D. 20

Answer: B

Question: 4

The SNCP switching speed can be improved if you classify the SNCP services that have the same source, sink, or route into groups.

A. TRUE
B. FALSE

Answer: A

Question: 5

The standard Ethernet frame length should not be less than 64 bytes. Which of the following factors cause this limitation? (Multiple Choice)

A. Minimum transmission distance
B. Maximum transmission distance
C. Working mechanism of conflict detection
D. MAC address

Answer: BC

Question: 6

The device IP addresses of the gateway NE and non-gateway NEs must be set in the same network segment.

A. TRUE
B. FALSE

Answer: B

Question: 7

Which of the following are the service board types of MSTP devices? (Multiple Choice)

A. Interface board
B. Service processing board
C. Service processing board with interfaces
D. Auxiliary board

Answer: ABC

Question: 8

When the LCAS function is used/ which of the following overhead bytes are used to transmit control information? (Multiple Choice)

A. M1
B. H4
C. K2
D. K4

Answer: BD

Question: 9

Which of the following are the electrical-layer overheads of OTN? (Multiple Choice)

A. OPUk
B. ODUk
C. OCh
D. OTUk

Answer: ABD

Question: 10

The working mode of a port determines the flow control mode of the port. When the working mode is 100 Mbit/s full duplex, which of the following flow control modes can be used?

A. Auto-negotiation flow control mode
B. Non-auto-negotiation flow control mode
C. Both of the above
D. None of the above

Answer: B

Question: 11

When the SXCS board is configured for an OSN 3500, which of the following is the access capacity of the subrack in full configuration?

A. 35G
B. 58.75G
C. 80G
D. 155G

Answer: D

Question: 12

When LMSP is configured, there are two switching modes: single-ended switching and dual-ended switching. The protection protocol does not need to be enabled for single-ended switching.

A. TRUE
B. FALSE

Answer: A

Question: 13

Which of the following statements about the optical-layer interfaces OTM-n.m and OTM-nr.m of OTN is incorrect?

A. n indicates the number of wavelengths carried by the maximum capacity.
B. m indicates the rate. The value can be 1, 2, or 3.
C. r indicates OTM without the OSC function.
D. OTM-nr.m with OSC signals is OTM-n.m.

Answer: B

Question: 14

Which of the following statements about the multiplex section remote error indication (MS-REI) is correct?
1. The B2 byte indicates the transmission channel.
2. The Ml byte indicates the transmission channel.
3. MS-REI is transmitted from the sink to the source.
4. MS-REI is transmitted from the source to the sink.
5. Indicates the number of detected bit errors after the sink receives the MS signals.

A. 1 , 4 , 5
B. 2 , 4 , 5
C. 1 , 3 , 5
D. 2 , 3 , 5

Answer: D

Question: 15

Which of the following is the frame whose VC-4 J1 byte is indicated by the current frame's AU pointer?

A. Current frame
B. Next frame
C. Previous frame
D. None of the above

Answer: B

Question: 16

When multiple users need to share the same VCTRUNK and use the same VLAN ID, the QinQ

technology can be used.

A. TRUE
B. FALSE

Answer: A

Question: 17

Which of the following statements about the 1+1 protection of cross-connect boards are correct? (Multiple Choice)

A. The source service board sends services to the active and standby cross-connect boards.
B. After service cross-connections are completed, the active and standby cross-connect boards send the data of the active cross-connect board to the sink service board.
C. The sink service board can receive only the data from the active cross-connect board.
D. The buses of the two cross-connect modules work independently and do not interfere with each other.
E. The dual-bus system structure indicates that the service board performs dual feeding of data to the cross-connect side and selective receiving of the data on the cross-connect side.
F. Two cross-connect boards have the same configuartion. Service boards will selectively receive services from one of them based on the quality of services and status of cross-connect boards.

Answer: ADEF

Question: 18

In a WDM system, using a dielectric thin film filter (TFF) is ideal when fewer than ( ) wavelengths are used.

A. 4
B. 8
C. 16
D. 20

Answer: C

Question: 19

According to the formula of "ODUk rate = 239/(239-k) x STM-N frame rate", the ODU4 rate is equal to 239/235 x STM-N frame rate.

A. TRUE
B. FALSE

Answer: B

Question: 20

Linear MSP (LMSP) has two modes; 1+1 and 1:1. Extra services can be configured for the protection channel only in the 1:1 mode of LMSP.

A. TRUE
B. FALSE

Answer: A

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