Huawei Certified Professional

1. According to the IEEE 802JQ standard, where is the VLAN ID field on the Ethernet?

A. Before source MAC address and destination MAC address

B. Between the source MAC address and the destination MAC address

C. After the source MA dog address and the destination MAC address

D. not fixed

Answer(s): C

---

2. What are the reasons for the R-Los alarm reported on the 0TU board?

☐ A. The local optical port is not used

☐ B. The local laser is turned off, resulting in no optical signal input

☐ C. Broken fiber or line performance degradation

☐ D. The receiving board at the local end is faulty, and the line receiving fails

Answer(s): A C D

---

3. Which of the following light source technologies does the 100GOTU board use?

A. Direct modulation light source

B. Light source of EA modulation method

C. MZ modulation light source

D. Coherent reception modulation mode light source

Answer(s): D

---

4. The 802.1Q tag header contains a two-byte TPID. Which of the following is its standard value?

A. 8100

B. 8847

C. 8147

D. 88A8

Answer(s): A

---

5. Both the 1310nm and 1550nm transmission windows are low-loss windows. In the DWDM system, only the 1550nm transmission window is used.
Which of the following options is the main reason?

A. EDFA operating wavelength flat region includes this window

B. Small nonlinear effects in the 1550nm wavelength region

C. 1550nm wavelength region is suitable for long distance transmission

D. 1550nm window loss is smaller than 1310nm window

Answer(s): A

---

6. Which of the following alarms will be reported by the peer end when it is detected that the error code exceeds the limit in the B2 byte?

A. MS-AIS

B. RS-BBE

C. MS-REI

D. MS-BBE

Answer(s): C

---

7. In the CES service, which of the descriptions of "packet loading time" and "jitter buffer time" is wrong?

A. The jitter buffer time represents the size of the buffer

B. Packet loading time refers to the length of time for PW packets to load TDM frames

C. Packet loading time, the configuration of NEs at both ends must be the same

D. The value of the packet loading time cannot be less than the jitter buffer time

Answer(s): D

---

8. DCM optical power debugging requires the input of DCM to be no greater than which of the following values?

A. -2

B. -3

C. -4

D. -5

E. Translated from Chinese (Simplified) to English - www.onlinedoctranslator.com

Answer(s): B

---

9. The DWDM system has extremely high requirements on the stability of the light source. Which of the following factors will affect the stability of the light source?

A. Temperature

B. Drive Current

C. Packaging

D. Humidity

Answer(s): A B C

---

10. The EDFA erbium-doped fiber amplifier is a key component of the new generation of optical fiber systems.
Which of the following options are correct for the description of its advantages?

A. High gain

B. High output power

C. The working wavelength is consistent with the minimum attenuation window of single-mode fiber

D. Low noise figure

E. Gain Flattening

Answer(s): A B C D

---

11. Which of the following services can the EM20 support?

A. 8 10GE+12 GE

B. 20 GE/FE

C. Otu1

D. STM-16

12. Which of the following is impossible for the cause of the ETH_LOS alarm?

A. The cable or fiber of the Ethernet port is not properly connected

B. Cable or fiber failure

C. The received optical power of the local network element is too low

D. In-port loopback

Answer(s): D

13. The ETH_UWK_DOWN alarm indicates that the network port connection is faulty. The possible reasons do not include which of the following?

A. The working modes of the sending and receiving ends are inconsistent

B. Link failure

C. Peer device failure

D. There is no light received at the local end

Answer(s): D

14. IEEE 802.1Q defines the structure of VLAN tags, including TPID, PRI, CR, and VLAN ID. Which of the following is used to classify service priorities?

A. VLAN ID

B. CR

C. PRI

D. TPID

Answer(s): C

---

15. Which of the following services can IMA provide protection for?

A. TDM business

B. ATM Services

C. E-Line Business

D. E-LAN service

Answer(s): B

---

16. Which of the following is not included in the function of the Inspector inspection tool?

A. Perform inspection tasks from the batch of relevant information obtained from NEs

B. Collect network element performance data for inspection

C. Support viewing inspection results and importing and exporting inspection data.

D. Generate an inspection report according to the passing of inspection items and analyze the situation.

Answer(s): B

---

17. What types of reports are generated by the Inspector inspection tool?

A. Client Official Report

B. External reporting

C. Engineer's Report

D. Internal Reporting

Answer(s): A C

---

18. Which of the following ways does the Inspector inspection tool support adding NEs?

A. Manually adding NEs

B. Import NEs in batches

C. Automatically discover network elements

D. NEs actively report

Answer(s): A B

---

19. IP As the core protocol of the network layer in the TCP/IP protocol stack, the fixed part of the packet header has 20 bytes and carries a variety of identification fields to define the transmission of the data packet.
Which of the following statements about the identification field is incorrect?

A. version (4bit), identifies the IP version, the current iP version is 4, and the next generation version is 6

B. TLN Time to live, 8bit), when an IP packet is generated, an initial value will be set, and when an old packet is forwarded from one router to another, the TTL value will decrease by 1. When the TTL is 0, the packet will be discarded

C. Protocol (8bit), indicating the protocol type to which the IP payload belongs, and a value of 6 indicates that the IP encapsulation is a TCP segment

D. Total Length (16bit), indicating the length of the IP header

Answer(s): D

---

20. What items are not included in the route advertisement of L3VPN

A. Local CE to ingress PE routing information exchange

B. Ingress PE to P routing information exchange

C. Ingress PE to egress PE routing information exchange

D. Egress PE to egress CE routing information exchange

Answer(s): B