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Exam : **H31-341**

Title : **HCIP-Transmission V2.0**

Vendor : **Huawei**

Version : **DEMO**

NO.1 The maximum optical power of light-emitting OBU output is 20dBm, which is used in the C-band 80 system. How much dBm should the single-wave standard output optical power be?

- A. +7dBm
- B. +1dBm
- C. +4dBm
- D. -2dBm

Answer: B

NO.2 When creating a Client path using the path method, if the RLOS alarm is generated on the line card, the path cannot be created.

- A. TRUE
- B. FALSE

Answer: B

NO.3 The main function of the transport layer in the Huawei ECC protocol stack is _____.

- A. Establish and maintain an ECC routing table.
- B. Establish and maintain a MAC connection between neighboring network elements.
- C. Provide end-to-end communication services to the upper layer
- D. Provide data communication services.

Answer: C

NO.4 In general, which of the following operations will cause a short interruption in monitoring of existing network devices? (Multiple Choice)

- A. Hard reset main control board
- B. Hardware loopback
- C. Software loopback
- D. Soft reset main control board

Answer: A,D

NO.5 Which layer of the TCP/IP protocol is the TCP/UDP protocol located?

- A. Application layer
- B. Network layer
- C. Transport layer
- D. Data link layer

Answer: C

NO.6 The setting of alarm reversal is based on:

- A. Network element
- B. Veneer
- C. Alarm
- D. Port

Answer: D

NO.7 What are the common test indicators for Ethernet services? (Multiple Choice)

- A. Back to back
- B. Throughput
- C. Frame loss rate
- D. Delay

Answer: A,B,C,D

NO.8 Which of the following description of 1+1 optical line protection is wrong?

- A. The switching method defaults to non-recovery
- B. The primary and secondary input lights initial difference defaults to 0.
- C. The active and standby input light difference defaults to 5d
- D. The switching mode defaults to double-ended switching

Answer: B

NO.9 When creating an OCh trail by using the board method, the source/sink ports select the corresponding line board and the IN/OUT port of the FIU board.

- A. FALSE
- B. TRUE

Answer: A

NO.10 A, C are the WDM OTM stations, and B is the relay station.

When the transmission direction of the A to B stations is interrupted, the Wavelength side of the B-stack OTU relay board reports the R_LOS emergency alarm and runs the processing to the upstream A.

The station side OTU2_BDI secondary alarm. At the same time, the alarm continues to be transmitted to the downstream station of the B station. After the alarm is processed at the C site, the ODU2_PM_AIS minor alarm is reported on the WDM side of the C-site OTU, and the ODU2_PM_BDI secondary alarm is transmitted back to the upstream station A.

- A. TRUE
- B. FALSE

Answer: A

NO.11 Which of the following are components that reuse N wavelengths in WDM system? (Multiple choices)

- A. Optical repeater unit
- B. WDM unit
- C. Optical amplifier unit
- D. Supervision unit

Answer: A,B,C,D

NO.12 For ODUk SNCP protection, if the punch-through site is an electrical relay station, the SCP type is recommended to be configured as SC/I when configuring protection.

- A. TRUE
- B. FALSE

Answer: B

NO.13 Which of the following description of the extended ECC is correct? (Multiple Choice)

- A.** In the automatic extended ECC mode, you need to connect the Ethernet ports of the two NEs with a direct-connected network cable (or a standard network cable through B), extend the ECC, and specify the server and client.
- B.** Extended ECC is divided into automatic extended ECC and manual extended EC One network element can only support one mode at the same time. These two methods cannot be directly docked.
- C.** The scale of the extended ECC network (the sum of the server and the client) must not exceed 8.
- D.** Extended ECC recommends to use manual basis, which reduces mutual negotiation between network elements.

Answer: B,C,D

NO.14 After the PWE3 service is successfully deployed, what is the deployment status of the PWE3 service displayed?

- A.** Activation
- B.** Deployment
- C.** Activated
- D.** Deployed

Answer: D

NO.15 Which of the following description of the performance parameters of line fiber quality monitoring is wrong?

- A.** The total loss of the fiber will affect the actual detection distance. The dynamic range of the same detection mode is fixed. The larger the total loss of the fiber, the smaller the distance that can be detected.
- B.** Line fiber quality monitoring function increases the monitoring accuracy by adding the averaged results to the average. The actual time required from the start detection to the software returning the test result will be greater than the "detection time" is set.
- C.** Increasing the pulse width increases the duration of the laser emission, which increases the energy injected, allowing for a larger dynamic range, but an increase in pulse width results in a larger dead zone.
- D.** Different modes of light pulse width are different in detection, pulse width affects distance accuracy and monitoring distance. The larger the pulse width, the larger the dynamic range, the longer the test distance and the higher the range measurement accuracy.

Answer: D

NO.16 When the board detects that the error rate of the regenerator section signal exceeds 10 by detecting the B1 byte, the B1_SD alarm is reported.

- A.** FALSE
- B.** TRUE

Answer: A

NO.17 Generally, in the NG WD system, the full-wave fiber input power is generally less than 20dBm. What is the main reason?

- A. To avoid nonlinear effects
- B. In order to maintain the personal safety of personnel
- C. In order to protect the cable
- D. In order to extend the life of the laser of the board

Answer: A

NO.18 The following description of the operation of the device, the error is:

- A. CLASS 1M means low optical power, no damage to eyes or skin
- B. Regularly clean the air filter to facilitate heat dissipation
- C. Equipment needs safety grounding
- D. Wear an ESD-preventive wrist strap or gloves to prevent static electricity from damaging the board.

Answer: A

NO.19 In the WDM system, after a certain distance of transmission, the optical signal-to-noise ratio of the receiving signal will be reduced to a certain extent. What is the main reason?

- A. Use of EDFA
- B. Use of the splitter combiner
- C. No new fiber is used
- D. Fiber attenuation is too large

Answer: A

NO.20 Path method creates OCh failure, what are the possible reasons? (Multiple Choice)

- A. Some pigtails are not connected
- B. No service layer path
- C. Inconsistent wavelength setting at both ends of source and sink
- D. There are still unremoved alarms in the boards involved in OCh.

Answer: A,B,C