Huawei Certified Professional

1. The receive end performs BIP-8 check for the unscrambled STM-16 frame. If the BIP-8 check result XOR the value of the B1 byte contained in the following STM-16 frame is 10001100, it indicates that () bit error blocks exist in the STM- 16 frame.

A. 5

B. 3

C. 6

D. Unclear

Answer(s): B

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2. The EPL service exclusively uses bandwidth on the line, which is highly secure. It is applicable to the private line application of VIP customers.

A. TRUE

B. FALSE

Answer(s): A

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3. Which of the following statements about clock sources is incorrect?

A. Internal clock sources have the lowest priority because of their low precision.

B. Generally, tributary clocks are not used as the clock sources of devices.

C. The same SSM protocol is selected for all NEs in a clock protection subnet.

D. If the standard SSM protocol is enabled, you need to set the clock source I

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4. Which of the following operations may interrupt NE services? (Multiple Choice)

☐ A. Searching for protection subnets

☐ B. Searching for trails

☐ C. Deactivating trails

☐ D. Downloading NE data

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5. The Erbium Doped Fiber Amplifier (EDFA) is a key component of the new-generation optical communication system. Which of the following are the features of the EDFA? (Multiple Choice)

☐ A. High gain

☐ B. High output power

☐ C. Amplification of any wavelengths

☐ D. Low noise index

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6. When the transmit end detects that the b6-b8 of the K2 byte is 110, it indicates that the () alarm is reported at the transmit end.

☐ A. MS-AIS

☐ B. R-LOS

☐ C. R-LOF

☐ D. MS-RDI

Answer(s): A B C

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7. Which of the following statements about U2000 license is incorrect?

A. Each license file corresponds to the equipment serial number (ESN) of one U2000 computer, and therefore can be used only on the corresponding computer.

B. Formal U2000 license varies depending on operating system platforms. You must apply for a U2000 license based on the specific operating system.

C. The U2000 license file is named in the "xxxxxxx.dat" format.

D. Do not modify license files. Otherwise, the license files will fail.

Answer(s): B

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8. The PRBS can be used to test whether an SDH service is normal and whether the protection switching function is normal.

A. TRUE

B. FALSE

Answer(s): A

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9. The coherent receiver technology uses the local oscillator laser that has the same frequency as received signals to perform coherent processing and recovers the ( ) information from the received signals. (Multiple Choice)

☐ A. Phase

☐ B. Frequency

☐ C. Polarization state

☐　D. Amplitude

Answer(s): A C D

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10. Which of the following is not a condition for triggering multiplex section protection (MSP)?

A. The MS-AIS signal is detected.

B. AU-AIS is detected.

C. R-LOS is detected.

D. R-LOF is detected.

Answer(s): B

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11. Which of the following is the meaning of "L" in the optical module parameter "L-64.2"?

A. Transmission distance

B. Dispersion coefficient

C. Transmit wavelength

D. Receive wavelength

Answer(s): A

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12. Which of the following methods can be used to multiplex lower-order ODUk to higher-order ODUk?

A. Time division multiplexing

B. Wavelength division multiplexing

C. Space division multiplexing

D. Frequency division multiplexing

Answer(s): A

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13. Which of the following can be the center wavelengths of the pump sources in an EDFA? (Multiple Choice)

☐ A. 980 nm

☐ B. 1510 nm

☐ C. 1480 nm

☐ D. 1310 nm

Answer(s): A C

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14. Which of the following is the meaning of SFD in the Ethernet frame structure?

A. Preamble

B. Frame check sequence

C. Start frame delimiter

D. Payload

Answer(s): C

15. OTM nr.m consists of a maximum of "n" optical multiplexing channels and does not support non-channel-associated overheads. The letter "r" indicates function reduction.

A. TRUE

B. FALSE

Answer(s): A

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16. Which of the following are communication quality alarms? (Multiple Choice)

☐ A. Optical port loopback

☐ B. No login of an NE user

☐ C. NE communication interruption

☐ D. Loss of optical signals

Answer(s): C D

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17. When bit errors are detected in the B2 byte, which of the following alarms is reported by the peer end?

A. MS-AIS

B. RS-BBE

C. MS-FEBBE

D. MS-BBE

Answer(s): C

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18. Only one TCM can be used at a site.

A. TRUE

B. FALSE

Answer(s): B

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19. LCK insertion has priority over AIS insertion. That is, if a user configures LCK insertion and the conditions of automatic AIS insertion are met, LCK is inserted.

A. TRUE

B. FALSE

Answer(s): A

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20. Which of the following bridges is used to forward data based on the MAC address and VLAN ID carried in data?

A. 802.1a

B. 802.1d

C. 802.1q

D. 802.11ab

Answer(s): C