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NEW QUESTION: 1

Which of the following clock working modes support the ITU-T G.781 standard? (Multiple Choice)

- A. Tracing
- B. Free-run
- C. Master/Slave
- D. Holdover

Answer: A,B,D (LEAVE A REPLY)

NEW QUESTION: 2

In the case of 1+1 linear MSP, which of the following switching modes do not require the enabling of the APS protection protocol? (Multiple Choice)

- A. Dual-ended revertive mode
- B. Single-ended non-revertive mode
- C. Single-ended revertive mode
- D. Dual-ended non-revertive mode

Answer: B,C (LEAVE A REPLY)

NEW QUESTION: 3

Which of the following is the basic requirement of a DWDM system on a light source?

- A. The transmit power is high.
- B. The dispersion tolerance is low.
- C. The output wavelength is stable.
- D. The direct modulation method is used.

Answer: C (LEAVE A REPLY)

NEW QUESTION: 4

Which of the following statements about the signal label byte C2 is incorrect?

- A. C2=00H indicates that the VC-4 is unequipped.
- B. The C2 byte is used to indicate the multiplexing structure of the VC frames and the payload property.
- C. The C2 byte to be sent must match the C2 byte to be received.
- D. If the C2 byte mismatch is detected, an LP_SLM alarm is reported in the corresponding VC-4 channel.

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 5

Automatic laser shutdown (ALS); When no optical signal is received, the ALS function automatically shuts down the corresponding optical module. This function protects onsite maintenance personnel.

- A. FALSE
- B. TRUE

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 6

The frame period of OTN signals is fixed, which is the same as that of SDH signals.

- A. FALSE
- B. TRUE

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 7

Which of the following is the multiplexing mode of SDH?

- A. Flexible mapping and synchronous multiplexing
- B. Flexible mapping
- C. Flexible mapping and asynchronous multiplexing
- D. Asynchronous multiplexing

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 8

Which of the following statements about the definition of SDH is correct?

- A. A hierarchy that can be used for asynchronous digital transmission
- B. A complete standard digital signal hierarchy that provides synchronous digital transmission, multiplexing, and cross-connection
- C. A hierarchy of standardized digital signals that can be asynchronously multiplexed
- D. A hierarchy of standardized digital signals that can be asynchronously cross-connected

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 9

Which of the following statements about extended ECC is incorrect?

- A. Automatic extended ECC can be enabled on a maximum of four NEs. In manual extended ECC mode, each server can be connected to a maximum of three clients.
- B. Automatic extended ECC indicates using a straight-through cable to connect the Ethernet ports of two NEs.
- C. Extended ECC is classified into automatic extended ECC and extended ECC in specified mode.
- D. Extended ECC in specified mode indicates that the server and client need to be specified.

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 10

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: A ([LEAVE A REPLY](#))

NEW QUESTION: 11

When setting the LCAS mode, follow the following principles:

1. If devices at the two ends are both Huawei devices, set them to the "Standard Mode".
2. If a Huawei device is interconnected with a third-party device, set the interconnected devices to the same mode according to the mode supported by the third-party device.

- A. FALSE
- B. TRUE

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 12

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. FALSE
- B. TRUE

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 13

When synchronization is performed on the 1U2000, the NE data that is the same as that on the U2000 is not uploaded to the U2000, and the data that exists on the U2000 but not on the NE is deleted.

- A. FALSE
- B. TRUE

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 14

Which of the following are the device-level protection schemes of SDH products? (Multiple Choice)

- A. Cross-connect and timing board protection
- B. System control board protection
- C. TPS protection
- D. Power supply protection

Answer: A,B,C,D (LEAVE A REPLY)

NEW QUESTION: 15

Optical fiber loss includes the bending loss, absorption loss, and scattering loss.

- A. TRUE
- B. FALSE

Answer: B (LEAVE A REPLY)

NEW QUESTION: 16

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

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

Answer: A,B,D (LEAVE A REPLY)

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NEW QUESTION: 17

When severely errored seconds (SEs) are present in the PM section at the ODUk layer, which of the following alarms is reported on the NMS?

- A. ODUk_PM_UAS
- B. ODUk_PM_SESR
- C. ODUk_PM_SES
- D. ODUk_PM_ES

Answer: C (LEAVE A REPLY)

NEW QUESTION: 18

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

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

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 19

Which of the following technologies is the main difference between an open DWDM system and an integrated DWDM system?

- A. Wavelength conversion technology
- B. Optical supervisory technology
- C. Optical amplification technology
- D. Multiplexing/Demultiplexing technology

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 20

Which of the following are optical-layer trails? (Multiple Choice)

- A. OMS
- B. OCH
- C. OTS
- D. OSC

Answer: A,B,C,D ([LEAVE A REPLY](#))

NEW QUESTION: 21

Which of the following ITU-T recommendations defines the OTN frame structure?

- A. G.975
- B. G.694
- C. G.652
- D. G.709

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 22

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: A ([LEAVE A REPLY](#))

NEW QUESTION: 23

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.** 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.
- C.** Two cross-connect boards have the same configuration. Service boards will selectively receive services from one of them based on the quality of services and status of cross-connect boards.
- D.** The buses of the two cross-connect modules work independently and do not interfere with each other.
- E.** The sink service board can receive only the data from the active cross-connect board.
- F.** 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.

Answer: A,B,C,D ([LEAVE A REPLY](#))

NEW QUESTION: 24

MSP is a network-level protection scheme. The MSP does not directly protect a service, and the MSP switching and restoration are not affected even if there is no service on the MSP ring.

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

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 25

WDM multiplexes the optical signals at multiple rates (wavelengths) over one fiber for transmission. The digital signals carried by these optical signals must have the same rate and data format.

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

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 26

Which of the following are the main advantages of SDH?
(Multiple Choice)

- A.** High compatibility
- B.** Powerful OAM
- C.** Synchronous multiplexing

D. Standard interfaces

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 27

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

- A. Searching for protection subnets
- B. Deactivating trails
- C. Downloading NE data
- D. Searching for trails

Answer: B,C ([LEAVE A REPLY](#))

NEW QUESTION: 28

Which of the following statements about the sequence of a signal flow between the SDH interface and the cross-connect unit is correct?

- A. SPI< >MST< >RST< >MSA< >MSP< >HFT
- B. SPI< >RST< >MST< >MSP< >MSA< >HFT
- C. SPI< >RST< >MSA< >MSP< >MST< >HFT
- D. SPT< >MST< >MSA< >RST< >MSP< >HPT

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 29

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

- A. Frame check sequence
- B. Payload
- C. Start frame delimiter
- D. Preamble

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 30

TU-AIS is frequently encountered during network maintenance. Which of the following alarms can trigger the TU-AIS alarm? (Multiple Choice)

- A. B2-EXC
- B. AU-LOP
- C. HP-TIM
- D. R-LOS

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 31

For the (local) HA solution where the active and standby servers are deployed in the same place, which of the following platforms can be deployed? (Multiple Choice)

- A. Windows

- B. SUSE Linux
- C. All of the above
- D. Solaris

Answer: B,D ([LEAVE A REPLY](#))

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NEW QUESTION: 32

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. FALSE
- B. TRUE

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 33

MAC loopback and PHY loopback are used for fault locating. When the MAC loopback is set to an inloop, you can set the PHY loopback according to the actual situation.

- A. TRUE
- B. FALSE

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 34

Which of the following is the frame structure of STM-16?

- A. 9*270*16
- B. 9*270*64
- C. 9*270*4
- D. 9*270*1

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 35

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

- A. Time division multiplexing

- B. Frequency division multiplexing
- C. Space division multiplexing
- D. Wavelength division multiplexing

Answer: A (LEAVE A REPLY)

NEW QUESTION: 36

Which of the following factors determines that the optical signal-to-noise ratio (OSNR) at the receive end decreases to a certain extent After signals are transmitted for a certain distance in a WDM system, the optical signal-to-noise ratio (OSNR) at the receive end decreases to a certain extent. Which of the following is the main cause?

- A. EDFAs are used.
- B. Multiplexers and demultiplexers are used.
- C. New types of optical fibers are not used.
- D. Fiber attenuation is excessively high.

Answer: A (LEAVE A REPLY)

NEW QUESTION: 37

Which of the following working windows is indicated by "2" in the optical module parameter L-64.2"?

- A. 1510 nm
- B. 880 nm
- C. 1550 nm
- D. 1310 nm

Answer: C (LEAVE A REPLY)

NEW QUESTION: 38

Which of the following logical functional modules are involved in processing clock signal?
(Multiple Choice)

- A. SETS
- B. MCF
- C. SPI
- D. RST

Answer: A,C (LEAVE A REPLY)

NEW QUESTION: 39

The frame structure of ODU4 is four times that of ODU1.

- A. TRUE
- B. FALSE

Answer: B (LEAVE A REPLY)

NEW QUESTION: 40

Manual configuration will clear data on the NE side.

A. FALSE

B. TRUE

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 41

An arrayed waveguide grating (AWG) multiplexer/demultiplexer has the following advantages: short wavelength spacing, large number of channels, and flat passband. It suits DWDM systems with ultra-high speed and large capacity.

A. FALSE

B. TRUE

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 42

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

A. Transmit wavelength

B. Dispersion coefficient

C. Transmission distance

D. Receive wavelength

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 43

For the OSN 3500, there is a slot mapping relationship between processing boards and interface boards. The processing board in slot 1 maps to the interface board in slot 19-20.

A. TRUE

B. FALSE

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 44

When multiple users need to share the same VCTRUNK and use the same VLAN ID, the QinQ technology can be used.

A. FALSE

B. TRUE

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 45

Which of the following are the differences between AU pointer and TU pointer? (Multiple Choice)

A. Indication range

B. Number of bits occupied by the pointer value

C. Adjustment unit

D. Byte where the pointer value is stored

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 46

SES: There are 5% or more than 5% bit error blocks or at least one defect (OCI/AIS/LCKAAE/LTCA1M/PLM) within one second.

A. TRUE

B. FALSE

Answer: B ([LEAVE A REPLY](#))

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NEW QUESTION: 47

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

A. MS-FEBBE

B. MS-BBE

C. RS-BBE

D. MS-AIS

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 48

Which of the following statements about an MSP ring are correct? (Multiple Choice)

A. The number of nodes on an MSP ring cannot exceed 16.

B. When creating a protection subnet, select SDH NEs only. Do not select REG or WDM NEs.

C. When multiple protection subnets occupy the same port on the same board, you must select "Resource Sharing".

D. "Assigned by VC4" means that different VC4s are assigned to different protection subnets to achieve MSP only in some channels.

Answer: A,B,C,D ([LEAVE A REPLY](#))

NEW QUESTION: 49

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: A ([LEAVE A REPLY](#))

NEW QUESTION: 50

On a Layer 2 switching device, if the Ethernet port is an Access port, the port can receive only the Ethernet frames without VLAN tags or Ethernet frames with the same VLAN ID as the default VLAN ID of the port.

- A. FALSE
- B. TRUE

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 51

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

(Multiple Choice)

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

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 52

When the lower-order resources of a device are insufficient, which of the following measures can be taken?

(Multiple Choice)

- A. Combine available lower-order resources.
- B. Configure a VC4 server trail.
- C. Configure VC4 services.
- D. Use a cross-connect board with a larger lower-order cross-connect capacity.

Answer: A,C,D ([LEAVE A REPLY](#))

NEW QUESTION: 53

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. Amplification of any wavelengths
- C. Low noise index

D. High output power

Answer: A,C,D (LEAVE A REPLY)

NEW QUESTION: 54

The rate of STM-1 is () bit/s.

A. $9 \times 270 \times 4 \times 8000$

B. $9 \times 270 \times 1 \times 8000$

C. $9 \times 270 \times 1 \times 8000 \times 8$

D. $9 \times 270 \times 1 \times 8000 \times 16$

Answer: C (LEAVE A REPLY)

NEW QUESTION: 55

After the U2000 delivers configuration data to an NE, if the verification fails on the SCC board, the NE enters the installation state.

A. TRUE

B. FALSE

Answer: A (LEAVE A REPLY)

NEW QUESTION: 56

Which of the following is not an EVPLAN feature?

A. Forwarding based on MAC addresses

B. Point-to-point and point-to-multipoint topologies

C. Multipoint-to-multipoint topology

D. Bandwidth sharing

Answer: B (LEAVE A REPLY)

NEW QUESTION: 57

Which of the following is not the advantage of WDM?

A. Completely substituting for SDH devices

B. Easy to upgrade and maximizing the protection for existing investments

C. Ultra-large capacity and transparent data transmission

D. Compatible with all optical switching networks in the future

Answer: A (LEAVE A REPLY)

NEW QUESTION: 58

A MAC address consists of 48 bits and is globally unique. Which of the following is the meaning of the MAC address whose eighth bit is 1?

A. Bicast address

B. Multicast address

C. Broadcast address

D. Unicast address

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 59

The error correction capability of FEC is measured with the encoding gain. Which of the following statements about the encoding gain is incorrect?

- A. The error correction capability of FEC increases with the encoding gain.
- B. The encoding gain of AFEC is larger than that of FEC.
- C. When the BER is constant, the OSNR saved by the correction encoding is called encoding gain.
- D. The encoding gain of the inband FEC is larger than that of the outband FEC.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 60

On the NMS, the NE performance monitoring time is set to () minutes and () hours,

- A. 15, 12
- B. 15, 24
- C. 30, 24
- D. 30, 12

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 61

When an optical fiber between node A and node B is broken, the FIU on node B detects the OTS_LOS alarm and inserts the OTS_BDI alarm to node A.

The FIU on node A reports the OTS_BDI alarm. The line board on the downstream C node reports the OCh_SSF alarm.

- A. FALSE
- B. TRUE

Answer: ([SHOW ANSWER](#))

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NEW QUESTION: 62

The single-fiber bidirectional WDM system uses only one optical fiber to transmit optical signals in two directions at the same time. The optical signals in the two directions should be arranged at different wavelengths.

A. FALSE

B. TRUE

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 63

Which of the following alarms does not trigger the AU-AIS alarm?

A. MS-AIS

B. B2-EXC

C. R-LOS

D. AU-LOP

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 64

Which of the following are different types of ESCs divided by implementation principles?

A. Pilot tone DCC

B. Fixed frame structure DCC

C. None of the above

D. Inserted DCC

Answer: B,D ([LEAVE A REPLY](#))

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