

Huawei.H12-931-ENU.v2022-03-26.q100

Exam Code:	H12-931-ENU
Exam Name:	Huawei Certified Internetwork Expert-Transmission
Certification Provider:	Huawei
Free Question Number:	100
Version:	v2022-03-26
# of views:	1818
# of Questions views:	1000
https://www.freeqas.com/qa/Huawei/H12-931-ENU/Huawei.H12-931-ENU.v2022-03-26.q100.html	

NEW QUESTION: 1

The GFP protocol has a high degree of standardization. It is a standard way for data services to be mapped to SDH/OTN. Which of the following features of the GFP protocol are correct? (multiple choice)

- A. It can more effectively prevent the error frame caused by the error code, and is more conducive to the interconnection of various manufacturers
- B. Support point-to-point or ring network service configuration
- C. Able to statistically multiplex user data signals
- D. GFP currently supports frame-mapped and transparent mapping (transparent)

Answer: (SHOW ANSWER)

NEW QUESTION: 2

What is the wavelength of the OSC channel of Huawei OTN equipment? () (multiple choice)

- A. 1550nm
- B. 1565nm
- C. 1510nm
- D. 1491nm
- E. 1511nm

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

NEW QUESTION: 3

The following description of cluster management, the error is ()

- A. VVR must be started before the App, and then closed before the App
- B. VVR group: includes basic resources for VCS operation; ClusterService group: used for data replication control

- C. A resource group needs to be online only if all the resource groups it depends on are activated before it can go online; when a resource group is offline, the resource groups it depends on are all offline before it can be offline
- D. The nodes in the cluster have the same cluster ID

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

NEW QUESTION: 4

There is a lower limit for the length of the Ethernet frame. What is the main reason for this?

- A. Conflict detection
- B. Carrier monitor
- C. Multi-point access
- D. Improve network bandwidth utilization

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 5

What are the principles of synchronous Ethernet planning? (multiple choice)

- A. The internal clock source is recommended as the lowest level clock source
- B. When stopping the SSM protocol, do not configure the clock as a ring in this network. When starting the SSM protocol, the SSM protocol information of all network elements in the network must be set to be consistent
- C. When there is no BITS or other high-precision external clock equipment, it is recommended that the network element track the line clock source
- D. When there is BITS or other high-precision external clock equipment, it is recommended that the network element use the tracking external clock source

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

NEW QUESTION: 6

Regarding the M40 and D40 channel isolation indicators of OSN 8800/6800 devices, which of the following statements is correct? () (multiple choice)

- A. FIU's IN-TM and IN-TC isolation are both >40db
- B. The isolation of SFIU's LINE1-OSC1 and LINE1-OSC2 are both ≥ 65 db
- C. D40 adjacent channel isolation > 22dB
- D. M40 adjacent channel isolation > 22dB
- E. M40 non-adjacent channel isolation > 25dB
- F. D40 non-adjacent channel isolation > 25dB

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

NEW QUESTION: 7

The optical power of one wave is 3dBm, and the optical power of the other wave is 5dBm. The total optical power after the two waves are combined is $3+5 = 8$ dBm

- A. TRUE

B. FALSE

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 8

NE1 is connected to NE2. NE1 uses OptiX SDH equipment to use time slot of VC4:1:2. If the service can be activated normally, what is the VC12 time slot number required to use equipment from other manufacturers on the opposite end?

A. 1-1-2

B. 2-2-1

C. 2-1-1

D. 1-2-1

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

NEW QUESTION: 9

The PTN self-organizing network supports physical layer clock synchronization, IEEE 1588V2 clock and time synchronization, and IEEE 1588 ACR clock synchronization.

A. TRUE

B. FALSE

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

NEW QUESTION: 10

The maximum dispersion tolerance of an OTU board is 800ps/nm, so on G.652 fiber, the dispersion limited distance can be roughly considered as

A. 80KM

B. 10KM

C. 40KM

D. 60KM

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

NEW QUESTION: 11

A network element cannot join the smart domain after the smart feature is enabled. The possible reasons are: (multiple choice)

A. The smart domain is not refreshed;

B. N board DCC management RES_ODU channel status is not enabled;

C. The electrical layer DCC is not surging;

D. The network element data is not uploaded;

E. ODU1_PM_AIS exists on the N board;

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

NEW QUESTION: 12

Among the following methods, which is the effective way to avoid discrete business?
(multiple choice)

- A.** For cross-network management services, landing through virtual network elements
- B.** For services that use the command line or the network management for single-site SDH service configuration, the path search must be performed on the network management to ensure that the service configuration is complete and standardized
- C.** Paths with protected routes should be tested for switching to verify that the configuration is complete and standardized
- D.** Circuit scheduling is created and configured using network management end-to-end path management

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 13

A certain network is configured with SOM. When performing path performance analysis, the OSNR value of the downstream optical amplifier of the OCh path is higher than that of the upstream optical amplifier. What is the error of the following analysis ()?

- A.** Click "Analyze" on the "Path Performance Analysis" interface to restart the performance analysis to solve the problem
- B.** The network management must issue the SOM routing configuration to the OMS segment on the path in order from the front to the back. It takes about a few seconds to issue the SOM routing configuration for each OMS segment, and it takes a few seconds to configure the SOM routing existence time between each OMS segment. difference
- C.** The calculation of the OSNR value of the first part of the OMS section where the OCH path is located is completed, and the calculation of the latter part has not been started. At this time, the performance analysis is started, and the new calculated value of the front part is reduced due to external reasons. This phenomenon will occur
- D.** After the initial configuration of the SOM route is issued, the performance analysis is started immediately. If the SOM route is configured first in the OMS section at this time, the OSNR calculation is started first, and there is no basis for the previous OSNR calculation value, this phenomenon will occur

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

NEW QUESTION: 14

In the point-to-point WDM networking scenario, the signal-to-noise ratio of a certain single wave is low, and the other channels are normal. The reason is that it is impossible?

- A.** The gain slope of the amplifier changes
- B.** The attenuation of the pigtail from the OTU board corresponding to this wave to the multiplexer increases
- C.** Increased attenuation on the light path
- D.** The transmit optical power of the OTU board corresponding to this wave has decreased

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

NEW QUESTION: 15

In microwave products, which of the following protection methods can enable reverse switching? (multiple choice)

- A. 1+1 SD
- B. 1+1 FD
- C. N+1 protection
- D. 1+1 HSB

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

NEW QUESTION: 16

The following features can adjust the bandwidth on demand in the application of Ethernet networking, dynamically increase and decrease the members in the VCTRUNK without affecting the business. When a virtual concatenation group member fails, the bandwidth can be quickly adjusted to ensure normal data transmission; when the failed member is restored, the original bandwidth of the virtual concatenation group is automatically restored.

- A. LCAS
- B. DLAG
- C. LAG
- D. QoS

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

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NEW QUESTION: 17

172.17.15.0/28 When dividing subnets, which of the following addresses are legal subnet addresses (multiple choice)

- A. 172.17.15.8
- B. 172.17.15.0
- C. 172.17.15.40
- D. 172.17.15.96

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

NEW QUESTION: 18

The reason why the ODUk_PM_OCI alarm statement is correct (multiple choice)

- A. The board corresponding to the upstream site has an ODUk_PM_OCI alarm
- B. Loopback is set for the corresponding board of the opposite station
- C. This alarm will not cause interruption of the optical interface carrying service
- D. The corresponding board of the opposite station is not configured with crossover and the non-intrusive monitoring function is enabled on the local end

Answer: (SHOW ANSWER)

NEW QUESTION: 19

Compared with traditional MPLS, what are the improvements of MPLS-TP? (multiple choice)

- A. Protection switching
- B. Data plane
- C. OAM
- D. Control plane

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

NEW QUESTION: 20

The ODU product label is shown in the picture. Which of the following statements is correct? (multiple choice).



- A. The transceiver interval of this ODU is 154MHz
- B. The receiving frequency range is: 7582-7638MHz
- C. This ODU can be used as low station
- D. The transmitting frequency of this ODU is located in sub-band A of 7GHz

Answer: A,D (LEAVE A REPLY)

NEW QUESTION: 21

Use end-to-end path configuration circuit on the network management, then there will be no discrete services on the network management, and it can ensure that the configured circuit is complete.

- A. TRUE
- B. FALSE

Answer: A (LEAVE A REPLY)

NEW QUESTION: 22

In the packet mode of Huawei Hybrid MSTP equipment, which Ethernet services are supported? (multiple choice)

- A. E_LAN
- B. E_AGGR
- C. E_Line

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 23

The LPT (Link Pass Through) function is used in scenarios where WDM equipment accesses FE/GE/10GE LAN services. The correct statement about LPT is: (multiple choice)

- A. It enables the user equipment to perceive the link status information by turning off and turning on the laser of the wavelength division device, thereby triggering the user equipment to activate the business protection function, and select the main or backup link for communication
- B. From the network level, ALS is similar to the Link Pass Through (Link Pass Through) function. The difference is mainly reflected in the applicable services, fault transmission methods and laser restart mechanism.
- C. By adding overhead bytes supporting the LPT protocol to the WDM side signal frame format, the operating status of the network access point or service network can be monitored.
- D. The implementation of the LPT function can be divided into port-based LPT and service-based LPT.

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

NEW QUESTION: 24

The following are the time slot optimization steps (multiple choice)

- A. Analyze the resource evaluation report, focus on low-level crossover resources and line time slot utilization, focus on the location of bottlenecks, and confirm the principle of routing time slot optimization with customers.
- B. Generate the time slot optimization plan in AMS5000 according to the optimization principle, and write the implementation plan.
- C. Data collection and production optimization plan: Consistency verification of the customer's network management network element data, fiber and cable connection, and path data across the entire network: and process the deactivation business in the network, and confirm the one-way business in the network.
- D. Clean up discrete services before time slot optimization, delete junk services, and confirm with customers to complete or delete and reconstruct defective services.

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

NEW QUESTION: 25

A network is configured with 1+1 protection on the board. On a certain day, the working channel has a condition that triggers protection switching, but the service cannot be automatically switched to the protection channel, resulting in service interruption.

The cause of the failure may be: (multiple choice)

- A. The configuration of the relay board between the source and sink is incorrect
- B. Protection group configuration error
- C. The optical fiber connection of the board is wrong
- D. There is an error in the protection channel
- E. A lock switch or forced switch command is implemented

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

NEW QUESTION: 26

CORBA (Common Object Request Broker Architecture) is a mature industry standard for communication between objects. It provides a platform-dependent programming interface and model for portable, object-oriented distributed computing applications. Its language, platform, network protocol and other characteristics make it very suitable for existing distributed system applications. Program development and system integration.

- A. FALSE
- B. TRUE

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

NEW QUESTION: 27

Commonly used test instruments for WDM system include? () (multiple choice)

- A. Optical Time Domain Reflectometer
- B. 2M BER tester
- C. Multimeter
- D. Optical power meter
- E. Spectrum Analyzer
- F. Data Service Tester

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

NEW QUESTION: 28

The sequence of downstream signals flowing through the functional blocks of the SL16 circuit board is

- A. SPI, MST, RST, MSP, MSA, HPT
- B. SPI, RST, MST, MSP, MSA, HPT
- C. HPT, MSA, MSP, MST, RST, SPI
- D. HPT, MSP, MSA, MST, RST, SPI

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

NEW QUESTION: 29

For ODUk ring network protection, the following statement is wrong:

- A. Only one node needs to be configured as a management point in the entire ring
- B. Only working channel services need to be manually configured, and all protection channels are automatically generated
- C. The node where the management point is located can have no business binding
- D. For each business, it is bound by the segment ID to achieve the only difference in business

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

NEW QUESTION: 30

The IP address you use is 165.247.52.119, and the subnet mask is 255.255.240.0. Which subnet is your host?

- A. 165.247.56.0
- B. 165.247.52.0
- C. 165.247.48.0
- D. 165.247.32.0

Answer: ([SHOW ANSWER](#)**)**

NEW QUESTION: 31

During the network acceptance test, it was found that the OSN 3500 can work normally when connected to an external clock source. When the external clock source is disconnected, it enters the hold state, but the hold state cannot last for 24 hours. Please explain the possible reasons.

- A. Access to external high-precision clock source time is too short
- B. Wrong clock level setting
- C. The clock SSM function is not enabled
- D. The clock crystal oscillator fails, and the board needs to be replaced

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

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NEW QUESTION: 32

TN55TQX+TN53NQ2 network element) -----TN53NQ2+TN55TQX (B network element) networking, the network element is a synchronous system, 10GELAN MAC transparent

mapping mode, ALS function is turned on, and the connection with the router is normal. At this time, change the 55TQX 10GELAN mode of A network element to BIT transparent mapping mode, then what are the new alarms of A network element 53TQX (multiple choice)

- A. ALS_ACTIVE
- B. REM_SF
- C. REMOTE_FAULT
- D. ODU2_LOFLOM

Answer: [\(SHOW ANSWER\)](#)

NEW QUESTION: 33

An organization has built a network with 20 subnets and class C IP addresses. What is the subnet mask that should be used to configure the network correctly?

- A. 255.255.255.248
- B. 255.255.255.224
- C. 255.255.255.240
- D. 255.255.255.192

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

NEW QUESTION: 34

Regarding the description of OSS, what is wrong is

- A. U2000 supports multiple northbound interfaces such as SNMP, TL1, XML, CORBA, etc., which can realize rapid integration with the operator's OSS system.
- B. OSS system (Operation Support System) refers to a software system that provides operators with functions such as communication equipment performance management, inventory management, business management, and fault management.
- C. OSS system is mainly used to improve the work efficiency of equipment maintenance personnel.
- D. The network layer of OSS is above NMS, and NMS is generally used to realize the management function of network element equipment.

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

NEW QUESTION: 35

The Tunnel-level APS protection of Hybrid MSTP equipment can support forced switching and locked switching, and the priority of forced switching is higher than that of locked switching.

- A. TRUE
- B. FALSE

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

NEW QUESTION: 36

ODUK_PM_AIS alarm is one of the conditions for ODUK_SNCP switching

A. FALSE

B. TRUE

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

NEW QUESTION: 37

Four network elements A, B, C, and D form an SNCP ring, and there are a large number of PDH services between A and B.

One day, the fiber between A and B was interrupted.

In order to eliminate the R-LOS alarm on the network management system, an engineer self-looped the optical ports at both ends of the interrupted fiber. After 10 minutes by default, what will happen?

A. The services of A and B will not be affected, and the switching alarm will not disappear

B. The service between A and B is interrupted, and the switching alarm disappears

C. The business between A and B is not affected, and the switching alarm disappears

D. The service between A and B is interrupted, and the switching alarm does not disappear

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

NEW QUESTION: 38

What should be paid attention to when planning a 1588V2 network?

A. It is recommended to adopt BC mode for the whole network in the networking mode

B. BMC algorithm must be activated to prevent looping

C. 1PPS + TOD interface is more suitable for internal transmission of the network

D. In practical applications, there may be a distance difference between the two directions of the fiber optic transceiver, but there is no need to compensate for this. 1588V2 will automatically calculate it according to the algorithm

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 39

GetEventChannel belongs to which step in the working principle of CORBA?

A. Session maintenance

B. Information query

C. Session announcement

D. Session initialization

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 40

Regarding the optical power commissioning of the RAU2 board, which of the following options is correct () (multiple choice)

A. When using MONO or MOWS to measure online optical power, 20dB compensation is required

- B.** Because the RAU2 board has built-in EVOA, the Raman gain needs to be directly set to the maximum gain of the supported fiber type
- C.** Before turning on the Raman laser, make sure that the connectors are connected well
- D.** Before commissioning the RAU2 board, the team function must be disabled first, and then the Raman board laser must be turned off

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

NEW QUESTION: 41

Drift refers to the long-term phase change of the digital signal relative to the standard signal less than 10 Hz, and jitter refers to the short-term phase change of the digital signal relative to the standard signal greater than 10 Hz.

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

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

NEW QUESTION: 42

Which of the following statements about the configuration, testing and maintenance of IPA functions are correct? ()

- A.** The purpose of testing the IPA function is to verify that if any fiber is broken in the fiber path included in the IPA, the amplifier included in the IPA can be turned off. After the fiber is restored, the amplifier can be automatically turned on, and The power change is within 0.5dB.
- B.** IPA function is only applicable to Raman amplifiers, not to ordinary amplifiers
- C.** Select "Configuration/IPA Management" in the function tree of the NE Manager to configure the IPA start delay value
- D.** After the IPA function is successfully activated, when the amplifier board detects LOS, the optical power of its output port becomes safe optical power
- E.** When the fiber interruption is repaired and the IPA cannot be terminated, it may be because the IPA protection group is not configured with the "detection board", only the auxiliary detection board is configured, and the auxiliary detection board reports an alarm that triggers IPA

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

NEW QUESTION: 43

What is the incorrect reason for the OA_LOW_GAIN alarm?

- A.** The board that reported this alarm is faulty
- B.** The gain setting of the optical amplifier board is too low
- C.** The insertion loss between the TDC and RDC optical ports is too large (only for OAU boards)
- D.** The input optical power of the board is too high

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 44

Which of the following statements about the configuration, testing and maintenance of IP functions are correct? () (multiple choice)

- A. IPA function is only applicable to Raman amplifiers, not to ordinary amplifiers
- B. When the fiber interruption is repaired and the IPA cannot be terminated, it may be because the IPA protection group is not configured with a "detection board", only the auxiliary detection board is configured, and the auxiliary detection board reports an alarm that triggers IPA
- C. After the IPA function is successfully activated, when the amplifier board detects LOS, the optical power of its output port becomes safe optical power. Select "Configuration/IPA Management" in the function tree of the network element manager, and you can configure IPA to start Delay value
- D. The purpose of testing the IPA function is to verify that if any fiber is broken in the fiber path included in the IPA, the amplifier included in the IPA can be turned off. After the fiber is restored, the amplifier can be turned on automatically, and Power change within 0.5dB

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

NEW QUESTION: 45

The OAU105 single board of the OTN system has a maximum output power of 23dBm, and the maximum output power of a single wavelength in the 40-wavelength system can be calculated to be 4dBm

- A. FALSE
- B. TRUE

Answer: A (LEAVE A REPLY)

NEW QUESTION: 46

Raman gain depends on the pump power and the quality of the fiber link

- A. TRUE
- B. FALSE

Answer: A (LEAVE A REPLY)

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NEW QUESTION: 47

When the MR1 board is used as an OSN1800 single fiber bidirectional in the following scenarios, you can use the MR2 or MR4 board instead

- A. TRUE
- B. FALSE

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

NEW QUESTION: 48

For inter-board wavelength protection and client-side 1+1 wavelength protection, it is forbidden to manually set the "laser status" of the backup OTU client-side optical interface to "on", otherwise the service will be interrupted.

- A. TRUE
- B. FALSE

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

NEW QUESTION: 49

The reason for reporting the BEFFEC_EXC alarm is that the following statement is wrong

- A. The signal has too much loss in line transmission.
- B. The FEC mode settings of the OTU at both ends are incorrect.
- C. This alarm will not be reported in AFEC mode.
- D. The input optical power of the OTU board is too high or too low

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

NEW QUESTION: 50

When relocating the OLA site (10G system), which of the following descriptions are wrong

- A. The relocation distance has changed, and the system dispersion needs to be re-evaluated
- B. There is no need to adjust the optical power of upstream and downstream sites in the network management during the relocation process
- C. The relocation distance has changed and the system signal-to-noise ratio needs to be reassessed
- D. The relocation distance has changed, and the optical power of the line needs to be reassessed

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

NEW QUESTION: 51

Regarding system security planning and reliability planning, which of the following is correct (multiple choice)

- A. Based on security considerations, the recommended communication bandwidth for medium-scale remote dual-system hot backup communication is 2M.

B. Operational safety and reliability design includes: access control, ACL control, time control, limit on the number of logins, user monitoring and operation confirmation.

C. In the process of data output, to ensure the security of data transmission, U2000 needs to support data encryption protocol, in which SSLv3 protocol can be used for data transmission encryption between U2000 and network element equipment, and it can also be used for U2000 and upper OSS system Data transmission between is encrypted.

D. The security management of the network management mainly includes object management, password management, access control management, and power and domain management.

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

NEW QUESTION: 52

Regarding the OSNR test of the OTN system, which of the following statements is correct?
() (multiple choice)

A. The out-of-band noise interpolation method refers to inserting the noise of the instrument to replace the actual noise of the system

B. When using OSA to test OSNR, because the noise in the signal band cannot be directly tested, the out-of-band noise interpolation method is adopted to calculate the noise in the band

C. After the wavelength signal passes through a filter device such as D40, the noise power between channels will be reduced, so the OSNR value of the traditional OSA test is higher

D. The integral method test OSNR is also called the turn-off method, and the channel business will be interrupted during the test. And in the case of a small number of waves, the OSNR value measured by the integral method has a certain deviation from the true value

E. OptiX OSN8800/6800 equipment MCA online test 100G wavelength OSNR also uses the shutdown method

F. The 40G and 100G wavelengths overlap due to the signal spectrum, and the OSNR value tested by the traditional OSA test method is low

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 53

The ring network of the OSN6800 equipment group was newly opened, and ODU1-SNCP/N protection was enabled. The engineer reported that a switch occurred one day and has not been restored, but there is no problem with the optical cable. There is an ODU_SNCP_PS alarm on the corresponding ND2 optical port. The possible reasons are:

A. There is a minor alarm ODU1_PM_LCK on the relevant circuit board;

B. The PM overhead of the related circuit board is set to "LCK Insert" as enable

C. Related circuit board failure;

D. The business configuration is wrong, or there is redundant business crossing at the business source and sink;

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

NEW QUESTION: 54

The GXCS single board of the OptiX OSN3500 equipment is upgraded to SXCS. In the case of active/standby configuration, the business will be interrupted during the upgrade process.

A. FALSE

B. TRUE

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 55

In the Ethernet service OAM, the name of the node that can initiate the OAM operation is

A. MEP

B. MA

C. MIP

D. MD

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

NEW QUESTION: 56

The following about DCN network planning, the error is

A. Huawei transport domain network elements support three communication protocols for DCN networking, among which the HWECC protocol is a private communication protocol developed by Huawei for DCN networking of transport domain network elements.

B. The IP address of U2000 is 129.9.0.100/24, and the IP address of the gateway NE it manages is 129.9.0.2/24. If the U2000 wants to communicate with a network element with an IP address of 133.168.0.2/24 that is connected to a gateway network element through IP over DCC, the U2000 needs to be directly connected to the gateway network element.

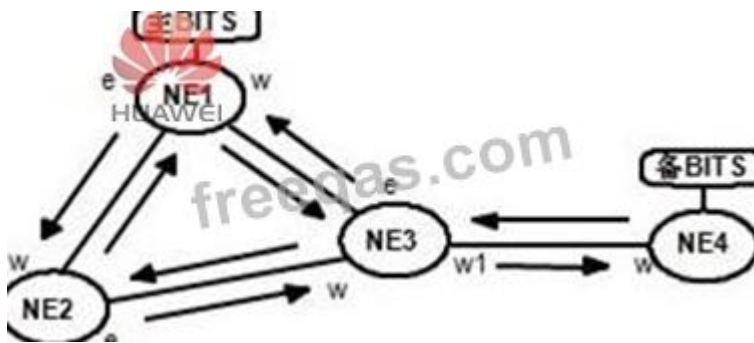
C. The network management server and each managed network element adopt in-band networking or out-of-band networking for communication. In-band networking refers to the networking mode in which the U2000 uses the service channels provided by the managed devices to manage the devices in the network.

D. Huawei transport domain network elements all support the HWECC protocol, and the default physical transmission channel is D1 to D12 bytes. When the network element ID is set, the ECC communication can be carried out without any configuration after plugging in the optical fiber.

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

NEW QUESTION: 57

The clock ID can solve the problem of timing loops that may occur. In the following networking, in order to completely solve the clock loop, how many clock IDs need to be set?



- A. 4
- B. 7
- C. 6
- D. 3

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

NEW QUESTION: 58

What are the TDM circuit simulation encapsulation protocols? (multiple choice)

- A. ML-PPP protocol
- B. CESoPSN protocol
- C. SAToP protocol
- D. GFP protocol

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

NEW QUESTION: 59

The following descriptions about 1+1 protection and 1:1 protection of MPLS Tunnel are correct (multiple choice)

- A. MPLS Tunnel 1+1 protected service with dual sending and selective receiving, MPLS Tunnel 1:1 protected service with single sending and single receiving
- B. If you want to protect the MPLS Tunnel, you need to create an MPLS Tunnel protection group
- C. MPLS Tunnel 1:1 protection has two types of services: double-ended switching and single-ended switching. MPLS Tunnel 1+1 protection only has single-ended switching.
- D. The APS protocol protected by the MPLS Tunnel 1:1 transfers the protocol status and switching status to each other through the tunnel transmission

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

NEW QUESTION: 60

The following are not precautions for preliminary testing:

- A. When testing, be careful not to look directly at the optical transmitter interface, so as not to damage your eyes.
- B. Before the test, check whether the required test wires are complete, the type of connector and the applicability of the instrument and whether the connection is good.

C. Prepare cotton swabs and alcohol, and pay attention to the cleaning of the connector at all times when testing the optical interface characteristics to ensure the accuracy of the test data.

D. When performing a 24-hour bit error test, ensure that the entire test process is free from external interference (including human factors and power supply conditions, etc.). If there is an abnormality, the exact time of the abnormality should be recorded or the test should be repeated. The test time does not need to exceed 24 hours.

Answer: (SHOW ANSWER)

NEW QUESTION: 61

The protection of the following PTN equipment belongs to the bundling of multiple ports to provide higher bandwidth and reliability. Which one? (multiple choice)

A. OAM/BFD

B. LAG/ML-PPP

C. Tunnel APS/PW APS

D. LAG/MC-LAG

Answer: B,D (LEAVE A REPLY)

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NEW QUESTION: 62

The main difference between SNCP and PP ring is that SNCP adopts tributary board selective reception while PP adopts cross board selective reception.

A. FALSE

B. TRUE

Answer: A (LEAVE A REPLY)

NEW QUESTION: 63

When which of the following pointers is adjusted, the information payload area carries the most information payload

A. Positive adjustment

B. No adjustment

C. All of the above are possible

D. Negative adjustment

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

NEW QUESTION: 64

The main survey points of engineering survey are (multiple choices)

- A.** The diameter, length, number of power supply circuits, power supply voltage, power supply power of the power cord
- B.** Length of optical fiber, interface type
- C.** Impedance, wire diameter, length, and connector of the relay cable
- D.** Computer room installation environment such as the height of the computer room, wiring method, ground type, load-bearing capacity of the computer room, seismic requirements, row spacing, etc.

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

NEW QUESTION: 65

Regarding the differences between Linux and Solaris operating systems, the following statement is wrong ()

- A.** Solaris itself only supports UFS hard disk file system; in Linux, there are many disk file systems to choose from, the default is ext3
- B.** All disks need to be recognized by the operating system, but Solaris needs to be set in the sd.conf file, and linux does not
- C.** Manage hot-swappable devices through cfgadm in Solaris. When the device is connected in Linux, the system automatically recognizes and configures hot-swappable devices
- D.** Linux comes with fssnap command to create and manage file system snapshots. Solaris does not have such a file system snapshot tool

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 66

The function of PW OAM is basically the same as that of Tunnel. The PW OAM mechanism can effectively detect, confirm and locate defects and faults originating from the PW layer network.

Which of the following functions are not available in PW OAM?

- A.** LB
- B.** BDI
- C.** Ping
- D.** FDI

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

NEW QUESTION: 67

The insertion loss of the 40 sub-wavelength channels of D40 is 6dB, regardless of the influence of noise, when the signal is full-wave, the IN port optical power of D40 is X dBm.

If the optical power of the IN port is reduced by 1dB, The measured value is () dBm.
(Assuming that the optical power of each channel is balanced, $\lg 40=1.6$)

- A. (X-22)
- B. (X-5)
- C. (X-23)
- D. (X-6)

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

NEW QUESTION: 68

When congestion occurs, queuing strategies can be varied. If you need to take service for the messages that arrive first, you can use the () queuing strategy; if you want to ensure that the most urgent and critical services are served first, you can use the () queuing strategy; if you need to balance the delay and delay jitter of each stream, You can choose () queuing strategy; if you want to provide professional bandwidth for a specific business, you can choose () queuing strategy.

- A. FIFO, PQ, WFQ, CQ
- B. WFQ, PQ, CQ, FIFIO
- C. PQ, FIFO, WFQ, CQ
- D. FIFO, CQ, PQ, WFQ

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

NEW QUESTION: 69

Is the following statement about the ISU2 board of the RTN 900 wrong?

- A. Support MPLS and PWE3
- B. Support XPIC function
- C. Support Native STM-1 + Ethernet mixed mode
- D. Support E1 priority

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 70

Generally, which of the following is not included in the performance evaluation of a WDM network

- A. Monitoring signal optical power
- B. Dispersion & FEC BER
- C. Single wave optical power & flatness
- D. Combined optical power
- E. OSNR

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

NEW QUESTION: 71

Network elements A, B, and C are OSN 3500 forming a chain network. The two stations A and C are connected to routers. The IP routers are connected to the OptiX SDH equipment through the POS port of STM-1. The PAS port connects J1 and C2 bytes. It is also used as a payload to transfer bytes (used to carry services). The network element A to the network element C creates a VC4 service, and the network element B uses VC4 to pass through. In this case, is there an alarm report inside the SDH network?

- A. There is a J1 mismatch alarm
- B. No warning
- C. There is a C2 not loaded alarm
- D. There is a C2 mismatch alarm

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

NEW QUESTION: 72

When configuring the Ethernet service, the value of the J1 byte in the higher-order channel overhead should be the same as the value that should be received, but the Ethernet single board EGT2 and EFS0 both generate the HP_TIM alarm. C

- A. The mode set by the J1 byte is inconsistent
- B. EGT2 and EFS0 cannot be connected
- C. EGT2 and EFS0 protocol are inconsistent
- D. Light path failure

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

NEW QUESTION: 73

Regarding the 10G/100G mixed transmission wavelength isolation band, is the following statement wrong? ()

- A. In order to avoid rerouting into the isolation band, the optical layer ASON prohibits 10G and coherent mixed optical layer ASON
- B. The isolation band can be filled with 40G DQPSK wavelength or 40G ODB wavelength
- C. The mixed transmission cost is related to the number of transmission spans, the width of the isolation band, and the FEC encoding method
- D. The coherent signal starts from the long wavelength, and 10G starts from the short wavelength, with an isolation band in between

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

NEW QUESTION: 74

An operator needs to configure 60 clients, 200 OptiX PTN 1900, 100 OptiX OSN 3800 (With ASON), 150 NE40E, 200 CX600 series equipment, and the access side is equipped with FTTx OLT and MDU, a total of 80,000 xDSL lines , 70,000 lines of PSTN ports, 30 OLTs and 300 MDU devices are deployed.

Regarding the description of this network, the error is:

- A.** The number of physical network elements to be managed by the network management center is 980
- B.** In practice, 50% of the current network size needs to be reserved for expansion capacity
- C.** The number of equivalent network elements for 100 OptiX OSN 3800 (With ASON) is 350
- D.** The network is a medium-scale network
- Answer: B (**[LEAVE A REPLY](#)**)**

NEW QUESTION: 75

A path is a transmission entity, which is connected by a pair of "one-way paths" that can simultaneously transmit information in opposite directions between their respective outputs and inputs.

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

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

NEW QUESTION: 76

According to the requirements, before OTN 6800/8800 equipment is upgraded, it is necessary to return the network element health check file to TAC analysis

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

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

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NEW QUESTION: 77

When planning AM, you need to consider the priority planning of E1. Which of the following options are the planning principles of E1 priority (multiple choice)

- A.** The priority set when an E1 service passes through a multi-hop microwave link can be different.
- B.** When the E1 priority function is enabled, E1 service bandwidth under full capacity $\leq$ full capacity service bandwidth-guaranteed capacity service bandwidth + E1 service bandwidth under guaranteed capacity.

C. The E1 priority function is mainly used in the scenario of Hybrid microwave transmission IMA service. At this time, the guaranteed E1 capacity should be equal to the E1 capacity required by IMA to transmit high-priority services; the full-capacity E1 capacity should be equal to the E1 capacity used by IMA.

D. The priority of the E1 service has nothing to do with the time slot number of the IF board it occupies, but the priority is specified when the cross-connection of the E1 service is configured. There are two types of E1 priority: high and low.

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

NEW QUESTION: 78

The ring network of the OSN6800 equipment group was newly opened, and ODU1-SNCP/N protection was enabled. The engineer reported that a switch occurred one day and has not been restored, but there is no problem with the optical cable. There is an ODU_SNCP_PS alarm on the corresponding ND2 optical port.

Possible reasons are: (multiple choices)

A. The protection type is configured as SNC/I

B. "LCK Insert" is set to enable the PM overhead of the related circuit board

C. The related circuit board has a minor alarm ODU1_PM_LCK

D. Related circuit board failure

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

NEW QUESTION: 79

What problems in the network cannot be solved by QoS?

A. Packet loss rate

B. Transmission resource

C. Service bandwidth

D. Delay jitter in transmission

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 80

Is the following statement about the delay test wrong? ()

A. The time from the first bit of the data frame to the beginning of the time until the first bit of the data frame appears on the output port, the time difference between the two is the delay of the bit forwarding device

B. The last bit of the data frame enters the device to start timing, and the first bit of the data frame appears at the end of the output port. The time difference between the two is the delay of the store and forward device.

C. Delay is divided into the delay of storage and forwarding equipment and the delay of bit forwarding equipment. Huawei equipment is all storage and forwarding equipment.

D. In the time delay test, the frame rate can be greater than the throughput

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

NEW QUESTION: 81

What is correct about traffic policing and traffic shaping?

- A.** Traffic policing can be used in the outbound and inbound directions, and traffic shaping can only be used in the outbound direction
- B.** Traffic policing can only be used in the outbound direction, and traffic shaping can only be used in the inbound direction
- C.** Traffic policing can be used in the outbound and inbound directions, and traffic shaping can only be used in the inbound direction
- D.** Traffic policing can only be used in the inbound direction, and traffic shaping can only be used in the outbound direction

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

NEW QUESTION: 82

The following is wrong about the position of the dispersion module in the signal flow.

- A.** If there is only one OBU board, the DCM is placed after the OBU
- B.** If there are two OBU boards, the DCM is placed between the two OBUs
- C.** If there is an OAU board, DCM is placed between OAU's TDC/RDC
- D.** The OTM station usually pre-fills 20KM DCM before sending OBU

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

NEW QUESTION: 83

After the ASON network has experienced many topological changes, the LSP of each business is often not optimal, so it provides optimization functions.

Which of the following options are not features of the optimization function?

- A.** Optimization cannot be performed when creating, rerouting, upgrading, restarting, and deleting
- B.** Business routing cannot be restricted during the optimization process
- C.** Rerouting, upgrading, de-escalation, deletion, etc. cannot be performed while optimizing
- D.** Only manual optimization is supported, and optimization cannot change the protection level of the optimized LSP

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

NEW QUESTION: 84

Hybrid MSTP devices support cross-domain clock intercommunication, and support the intercommunication of synchronous Ethernet and SDH synchronization.

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

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

NEW QUESTION: 85

In the acceptance test, the MPI-S reference point of the line power test refers to the output end of the transmitting amplifier.

A. FALSE

B. TRUE

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

NEW QUESTION: 86

OTN needs to change the original single-wave pass-through from D40 to M40 to use NQ2 as a relay. The error described below is

A. It can be relayed in cross mode, and cross board needs to be configured at this time

B. For optical layer ASON and electrical layer ASON applications, setting "optical relay mode" and "electrical relay mode" has no effect on the system

C. When the NQ2 adopts the relay board mode, the ASON is not turned on. For the end-to-end path, the electrical relay mode is required

D. When you do not need to relay in cross mode, at this time, the NQ2 fiber connection (take 1 optical port as an example) is the westward direction of IN1 port and the eastward direction of OUT1 port.

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

NEW QUESTION: 87

What kind of alarm will be inserted into the opposite NS3 board when the optical port software is looped back on the NS3?

A. OTU3_LOF

B. ODU3_PM_SSF

C. ODU3_PM_AIS

D. ODU3_PM_OCI

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

NEW QUESTION: 88

OAU gain is continuously adjustable, and the noise figure (NF) is different under different gain conditions, generally the larger the gain, the smaller the noise figure

A. FALSE

B. TRUE

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

NEW QUESTION: 89

What is wrong with the workflow of U2000 CORBA and OSS interconnection?

A. CORBA registers CORBA in the notification service to create a channel to the name service

B. OSS accesses CORBA agent through CORBA client CORBA agent reports messages to OSS through event channel

- C. start name service start notification service start U2000 CORBA
- D. OSS connects to the name service through the CORBA client. The CORBA client of OSS finds the event channel through the name service

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

NEW QUESTION: 90

The following statements about the main and backup channels of optical line protection are wrong:

- A. "Initial difference between the main and backup channels (dB)"-used to set the reference value of the optical power difference between the main and backup channels of the board.
- B. If the current optical power difference between the main and backup channels exceeds the "main and backup channel difference threshold (dB)", the system will undergo protection switching.
- C. "Main and standby channel difference threshold (dB)" One is used to set the signal failure (SF) when the difference in optical power between the main and standby optical ports of a single board reaches a certain value.
- D. When the difference between the main and standby optical power exceeds the threshold, the optical switch will switch the service to the standby channel, and the set value supports query. The recommended setting is 5db.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 91

There are two NG-SDH network elements A and B.

A is a gateway network element.

The network manager manages B through ECC routing through A.

The network manager can log in to A, but cannot log in to B through A.

What are the possible reasons? (multiple choice)

- A. Manually set up ECC routing
- B. Cross-connect board is not inserted
- C. The optical board connected to B does not create a logical board
- D. The main control board is abnormal

Answer: ([SHOW ANSWER](#))

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NEW QUESTION: 92

What should I pay attention to when swapping antennas? (multiple choices)

- A. If the microwave link adopts a 1+1 protection configuration and uses one antenna, turn off the power of the backup ODU before switching the antenna
- B. During the commissioning period, there is no rain/snow/fog impact between the two sites
- C. ATPC function is off
- D. Turn on AM function

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

NEW QUESTION: 93

The TE link in the OTN electrical layer ASON is unidirectional. For example, there are two TE links between NS2 and NS2. The final number of links is the number of intelligent N-board ports (including relay N-board).

- A. FALSE
- B. TRUE

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

NEW QUESTION: 94

Which of the following are the functions of MPLS-TP OAM? (multiple choice)

- A. LB
- B. Traceroute
- C. LT
- D. Ping

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

NEW QUESTION: 95

All on-site operations can be performed according to their own experience, and there is no need to strictly follow the change operation steps

- A. FALSE
- B. TRUE

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

NEW QUESTION: 96

PTN equipment realizes the unified bearing of multiple services through PWE3. For users, the PTN equipment is equivalent to a Layer 2 switch at this time.

- A. TRUE
- B. FALSE

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 97

The two MSP rings intersect, and one of the network elements at the intersection point has the coexistence of SNCP and MSP protection. How can I solve the secondary switching phenomenon due to the coexistence of protection?

- A. No need to set a delay time
- B. Set delay time when configuring SNCP cross connection
- C. It is necessary to set the delay time when configuring MSP and SNCP
- D. Set the delay time when configuring the MSP cross-connect

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

NEW QUESTION: 98

Swap antennas is to align the main lobes of the antennas at both ends to each other, and the signal strength of the opposite antenna is the largest.

- A. FALSE
- B. TRUE

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

NEW QUESTION: 99

After which of the following steps, the rollback operation can no longer be performed

- A. Submit
- B. Load
- C. Distribution
- D. Activate

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 100

In the process of creating an upgrade task, the following statement is wrong

- A. For gateway network elements, if you check the "If the network element to be loaded is a gateway network element, it is mandatory to select FTP/SFTP protocol loading" configuration item, you need to configure an FTP/SFTP server on the network management server to improve the loading speed.
- B. The upgrade operator must use the "admin" level user for the health check, otherwise some check items will fail to execute and reduce the check efficiency.
- C. Check "Adopt package customization. The software added by the user is a partial package, that is, matching according to the single board on the network element can improve the efficiency of adding."
- D. "Forced Parallel Activation". In this activation mode, all groups are activated in parallel, which will cause business interruption.

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

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