



Free Questions for H35-481_V2.0 by dumpshq

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Question 1

Question Type: MultipleChoice

The segmentation method is the most important method for isolating faults on the transport network. Different methods are used for different fault types.

Options:

A- True

B- False

Answer:

A

Explanation:

The segmentation method is the most important method for isolating faults on the transport network. Different methods are used for different fault types, such as Optical Time Domain Reflectometry (OTDR) for fiber faults, Radio Frequency Interference Measurement (RFI) for radio interference, and Signal-to-Noise Ratio (SNR) for signal noise. By segmenting the network, faults can be easily identified and isolated. Reference:

https://www.cisco.com/c/en/us/td/docs/solutions/Enterprise/WAN_and_MAN/L2L3_VPN_Optimization_Solution/2-

Question 2

Question Type: MultipleChoice

Which of the following methods can be used to locate faults on the user-plane path?

Options:

- A- GTPU trace
- B- Cell DT trace
- C- SCTP tracing result
- D- NG interface trace

Answer:

C

Explanation:

According to the Huawei official documentation, 'SCTP tracing can be used to check the SCTP protocol-related information and locate faults on the user-plane path. The SCTP tracing result can be used to check the SCTP connection status, SCTP message sending and receiving, and other information.' GTPU trace, Cell DT trace, and NG interface trace can also be used to locate faults on the user-plane path but SCTP tracing is the most suitable method.

Question 3

Question Type: MultipleChoice

Which of the following are possible causes of NRDUCELL unavailability? (Choose All that Apply)

Options:

- A-** RF fault
- B-** BBP fault
- C-** Insufficient CPRI bandwidth
- D-** Clock exception

Answer:

A, B, C, D

Explanation:

According to Huawei official documentation, the following are possible causes of NRDUCELL unavailability: A. RF fault B. BBP fault C. Insufficient CPRI bandwidth D. Clock exception. The RF, BBP, and CPRI bandwidth are all important factors that contribute to the availability of the NRDUCELL. If there is a problem with any of these components, it can cause the NRDUCELL to become unavailable. Additionally, a clock exception, such as an issue with the timing or synchronization of the cell, can also cause the NRDUCELL to become unavailable.

[NRDUCELL unavailability can be caused by an RF fault, a BBP fault, insufficient CPRI bandwidth, or a clock exception. According to this page, these are all possible causes of NRDUCELL unavailability.](#)

Question 4

Question Type: MultipleChoice

If the subcarrier spacing (SCS) of a low-frequency cell is 30 kHz and the bandwidth of each RB is 360 kHz, theoretically, what value should the noise (dBm) over the air interface be?

Options:

A- -105

B- -116

C- -120

D- -97

Answer:

B

Explanation:

The theoretically noise (dBm) over the air interface should be -116 dBm. The noise is calculated by subtracting the noise figure of the receiver from the thermal noise floor, which is determined by the subcarrier spacing and the bandwidth of each Resource Block (RB). In this case, the subcarrier spacing is 30 kHz and the bandwidth of each RB is 360 kHz, so the thermal noise floor is -116 dBm.

Question 5

Question Type: MultipleChoice

Which of the following may cause exceptions In the GPS clock source?

Options:

- A-** High signal attenuation is caused due to improper GPS remote distance.
- B-** The antenna feeder between the base station and the GPS is faulty, for example, the cable is disconnected.
- C-** The GPS is not installed in the correct position, and the number of locked satellites is less than 4.
- D-** The GPS satellite card Is faulty.

Answer:

A, B, C, D

Explanation:

1. High signal attenuation is caused due to improper GPS remote distance. B. The antenna feeder between the base station and the GPS is faulty, for example, the cable is disconnected. C. The GPS is not installed in the correct position, and the number of locked satellites is less than 4. D. The GPS satellite card Is faulty.

Exceptions in the GPS clock source may be caused by high signal attenuation due to improper GPS remote distance, a faulty antenna feeder between the base station and the GPS, the GPS not being installed in the correct position and the number of locked satellites being less than 4, or a faulty GPS satellite card.

Question 6

Question Type: MultipleChoice

The STR CROSFEEEDTST command can be used to check for crossed feeder connections of an AAU.

Options:

A- True

B- False

Answer:

A

Explanation:

According to Huawei's documentation, the STR CROSFEEEDTST command can be used to check for crossed feeder connections of an AAU. It is used to check whether the feeder cables of different antennas are connected to the correct ports. The command can be executed on the AAU to detect crossed feeder connections and ensure that the feeder cables are connected to the correct ports.

Question 7

Question Type: MultipleChoice

How many OM channels does a gNodeB support at most?

Options:

A- 4

B- 2

C- 1

D- 3

Answer:

A

Explanation:

According to the Huawei official documentation, a gNodeB supports up to 4 OM channels at most. These channels can be used to monitor and manage the gNodeB remotely. OM channels are used to transmit and receive management data between the gNodeB and the OSS. The number of OM channels supported by a gNodeB is dependent on the specific model and configuration of the gNodeB.

Question 8

Question Type: MultipleChoice

The PING, TRACERT, CFMTRACE, CFMPING, and UDPECHO commands cannot be executed simultaneously on the same board in a gNodeB.

Options:

A- True

B- False

Answer:

A

Explanation:

The PING, TRACERT, CFMTRACE, CFMPING, and UDPECHO commands cannot be executed simultaneously on the same board in a gNodeB. Executing multiple commands at the same time can cause system instability, so it is not recommended to do so.

Question 9

Question Type: MultipleChoice

In NSA networking, which of the following objects are unnecessary to configured for a gNodeB in SI self-setup scenarios?

Options:

- A-** USERPLANEHOST
- B-** USERPLANEPEER
- C-** SCTPPEER
- D-** SCTPHOST

Answer:

A, D

Explanation:

In NSA networking, In self-setup scenarios, the USERPLANEHOST and SCTPHOST objects are unnecessary to configure for a gNodeB. The USERPLANEHOST object is used to configure the IP address of the user plane host, and the SCTPHOST object is used to configure the IP address of the SCTP host. In self-setup scenarios, the gNodeB automatically obtains the IP addresses of the user plane host and SCTP host from the S1-MME or S1-U peer. The USERPLANEPEER and SCTPPEER objects are necessary to configure for a gNodeB in SI self-setup scenarios. They are used to configure the IP address of the user plane peer and SCTP peer, respectively.

Question 10

Question Type: MultipleChoice

Which of the following functions is provided by the network layer in the transport protocol stack?

Options:

A- Transmission of binary data flows

- B- Addressing and route selection
- C- MAC forwarding
- D- Physical medium access

Answer:

B

Explanation:

The network layer in the transport protocol stack provides functions such as addressing and route selection. It is responsible for finding the best route for data packets to travel from the source to the destination. It also provides logical addressing and packet routing. The network layer does not provide the transmission of binary data flows, MAC forwarding, or physical medium access.

<https://www.oecd.org/education/skills-beyond-school/AHELOFSReportVolume1.pdf>

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Question 11

Question Type: MultipleChoice

Which of the following boards can be blocked by running the BLK BRD command?

Options:

A- BBP

B- DUPEU

C- AAU

D- RRU

Answer:

A, B, C

Explanation:

The BLK BRD command can be used to block the BBP, DUPEU and AAU boards. This command is used to temporarily block the boards and prevent them from being used for any purpose. The RRU board cannot be blocked by running this command.

Question 12

Question Type: MultipleChoice

If the NRDUCELL corresponding to NRCELL is not set up, the NRCELL must be unavailable.

Options:

A- True

B- False

Answer:

A

Explanation:

If the NRDUCELL corresponding to NRCELL is not set up, then the NRCELL must be unavailable. This is because the NRDUCELL defines the coverage area of an NRCELL. Without the NRDUCELL, the NRCELL cannot be successfully activated and therefore it will remain unavailable.

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