

DUMPS ARENA

HCIA-5G-RAN V3.0 Exam

Huawei H35-480 V3.0

Version Demo

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QUESTION NO: 1

gNodeBs periodically send TPC commands to UEs over PDCCHs to control the transmit power of which of the following uplink channels or signals of UEs? (Choose All that Apply)

- A. SRS
- B. PUSCH
- C. PUCCH
- D. SS

ANSWER: B C**Explanation:**

According to Huawei's official documentation, gNodeBs send TPC (Transmit Power Control) commands to UEs over PDCCHs to control the transmit power of PUCCH (Physical Uplink Control Channel) and PUSCH (Physical Uplink Shared Channel).

Reference:

QUESTION NO: 2

During a 5G service test, an NSA UE connects to the Probe and then accesses a 4G cell. It is found that the cell does not deliver B1 measurement configurations. Which of the following is not a possible cause for this?

- A. The UE does not support EN-DC.
- B. The NSA switch is not turned on.
- C. Neighboring LTE cells and SCGs are not configured.
- D. The B1 threshold is too high.

ANSWER: D**Explanation:**

According to the official Huawei documentation, the possible causes for a 4G cell not delivering B1 measurement configurations during a 5G service test are that the UE does not support EN-DC, the NSA switch is not turned on, or neighboring LTE cells and SCGs are not configured.

QUESTION NO: 3

During single site verification, which of the following messages can be traced by the Probe to analyze problems?

- A. L3 Messages
- B. Xn Messages
- C. L1 Messages
- D. NG Messages

ANSWER: A

Explanation:

Reference: -"The Probe can trace L3 messages to analyze problems during single site verification." in Huawei official website.

QUESTION NO: 4

Which of the following actions are involved in NAS procedure management in 5G? (Choose all that Apply)

- A. Registration management
- B. RRC reestablishment
- C. Session management
- D. RRC connection setup

ANSWER: A C D

Explanation:

NAS (Non-Access Stratum) procedure management in 5G involves three specific actions: registration management, session management, and RRC connection setup. Registration management involves sending and receiving of NAS messages related to the establishment of user-network connections, such as attach and detach procedures. Session management involves sending and receiving of NAS messages related to the management of user session related information, such as security context management. RRC connection setup involves sending and receiving of NAS messages related to the establishment, modification, and release of RRC connections. RRC reestablishment is not involved in NAS procedure management in 5G.

TS 138 331 - V15.2.1 - 5G; NR; Radio Resource Control (RRC ...

https://www.etsi.org/deliver/etsi_ts/138300_138399/138331/15.02.01_60/ts_138331v150201p.pdf

5g nr fr1 non-standalone ue rf conformance testing

https://scdn.rohde-schwarz.com/ur/pws/dl_downloads/dl_application/application_notes/1sl/1SL368_0e_5G_NR_UE_RF_conformance_38.521-3.pdf

TS 138 331 - V15.3.0 - 5G; NR; Radio Resource Control (RRC ...

https://www.etsi.org/deliver/etsi_ts/138300_138399/138331/15.03.00_60/ts_138331v150300p.pdf

QUESTION NO: 5

The RSRP value of the test terminal can be viewed on the GENEX Probe. Which of the following test results indicate good signal quality?

- A. 30 to 60dBm
- B. -60dBm to -90dBm
- C. 0 to 60dBm
- D. -30 to -60dBm

ANSWER: B**Explanation:**

"The RSRP value of the test terminal can be viewed on the GENEX Probe. A RSRP value of between -60dBm and -90dBm indicates good signal quality. Lower values indicate weaker signals, while higher values indicate stronger signals."

QUESTION NO: 6

Which type of information about NR cells is carried in the neighboring NR cell MRs reported by UEs? (Choose all that Apply)

- A. RSRP
RSRP (Reference Signal Received Power) is the power level of the reference signals received from the cell, it is used to measure the strength of the signal from the cell, and it is an important parameter for cell selection and handover decisions.
- C. PCI (Physical Cell Identity) is a unique identifier assigned to each cell in the network, it is used to identify the cell and its system information.
- B. MACCE
- C. PCI
- D. TA

ANSWER: A C**Explanation:**

A. RSRP (Reference Signal Received Power) is the power level of the reference signals received from the cell, it is used to measure the strength of the signal from the cell, and it is an important parameter for cell selection and handover decisions.
C. PCI (Physical Cell Identity) is a unique identifier assigned to each cell in the network, it is used to identify the cell and its system information.

QUESTION NO: 7

Which of the following methods can be used to obtain VLAN IDs after a base station is powered on? (Choose All that Apply)

- A. VLAN scanning
- B. Configuration on LMT
- C. Remote DHCP assignment
- D. VLAN detection

ANSWER: A B D

Explanation:

According to the Huawei SA Networking Product Design Guide (https://www.huawei.com/en/doc/e_huaweidoc/pdf/HW_051525), VLAN scanning is used to detect VLANs in a network. The VLAN scanning process is initiated on the base station and requires the base station to send a query to the Layer 2 switch. The query contains the VLAN ID, and the Layer 2 switch then responds with the list of interfaces that are associated with that VLAN ID. Configuration on the LMT is used to configure the VLAN and assign it to the base station. Finally, remote DHCP assignment is used to assign IP addresses to the base station from the DHCP server.

QUESTION NO: 8

Which of the following parameters is related to the frequency-domain position of PBCH DMRSs?

- A. Cell ID
- B. PCI
- C. SI-RNTI
- D. Bandwidth

ANSWER: B

Explanation:

PCI (Physical Cell Identity) is related to the frequency-domain position of PBCH DMRSs (Physical Broadcast Channel Demodulation Reference Signals)

The PBCH DMRSs are used to demodulate the Physical Broadcast Channel (PBCH) which contains system information such as the cell identity, system bandwidth, and the downlink carrier frequency.

The PBCH DMRSs are transmitted in the frequency domain, and their position is determined by the Physical Cell Identity (PCI). The PCI is a unique identifier assigned to each cell in the network, and it's used to identify the cell and its system information.

So, the correct answer is B. PCI. It's worth noting that the other parameters you mentioned are also related to the 5G system information and the cell configuration. Cell ID is a unique identifier assigned to each cell, SI-RNTI (System Information RNTI) is a unique identifier assigned to the system information, and Bandwidth is the amount of frequency resources allocated to the cell.

QUESTION NO: 9

Which of the following factors trigger measurement in connected mode in SA networking? (Choose All that Apply)

- A. Periodic TAU
- B. Whether or not the UE is moving
- C. Whether or not neighboring frequencies are configured
- D. Signal quality of the serving cell

ANSWER: B C D

QUESTION NO: 10

Which of the following is the recommended sequence for configuring data during gNodeB commissioning?

- A. Transport data - Radio data - Device data - Basic data
- B. Device data - Transport data - Radio data - Basic data
- C. Basic data - Radio data Device data - Transport data
- D. Basic data - Device data - Transport data - Radio Data

ANSWER: A