



ECP-383^{Q&As}

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**QUESTION 1**

Which two statements are true about 64 QAM modulation in the downlink direction? (Choose two.)

- A. The usage of 64 QAM is not dependent on radio channel quality.
- B. The usage of 64 QAM is UE dependent.
- C. The spectral efficiency of 64 QAM is higher than QPSK in strong radio conditions.
- D. The spectral efficiency of 64 QAM is lower than QPSK in strong radio conditions.

Correct Answer: BC

QUESTION 2

Review the exhibit.

Parameter	Parameter Description
<i>qQualMin</i>	Specifies the minimum required quality level(RSRQ) in the cell in dB. Corresponds to Qqualmin in TS 36304, sent in SIB1. Value 0 means that it is not sent and UE applies in such case the (Default) value of negative infinity for Qqualmin.
<i>qRxLevMin</i>	The required minimum received Reference Symbol Received Power(RSRP) level in the E-UTRA frequency for cell reselecton. Corresponds to parameter Qrxlevmin in 3GPP TS 36.304. This attribute is broadcast in S1B1.

An operator's LTE single layer network has a cell not carrying enough traffic. To increase the traffic carried by the cell, the operator decides to modify the Idle mode behavior of the cell. Values for the *qRxLevMin* and *qQualmin* parameters are currently set to -120 dBm and -12 dB. Referring to the exhibit, which two configurations would be used to potentially increase the traffic carried by this cell? (Choose two.)

- A. Set the *qRxLevMin* parameter to -117 dBm.
- B. Set the *qQualMin* parameter to -15 dB.



- C. Set the qQuaiMin parameter to -9 dB.
- D. Set the qRxLevMin parameter to -123 dBm.

Correct Answer: BD

QUESTION 3

Which two statements are valid for Call Re-establishment in WCDMA? (Choose two.)

- A. Call Re-establishment in WCDMA targets RL failures or RLC errors in the DL.
- B. When Call Re-establishment in WCDMA is activated and after RL failure or an RLC unrecoverable error, the UE selects a new cell using the soft handover procedure.
- C. Call Re-establishment in WCDMA improves the voice drop rate.
- D. When Call Re-establishment in WCDMA is activated and after RL failure or an RLC unrecoverable error, the UE goes to idle mode.

Correct Answer: BC

QUESTION 4

What is the purpose of the Location/Tracking Area update?

- A. It is used to locate the UEs in idle mode.
- B. It is used to internally locate UEs during on-going calls.
- C. It is used to locate the originating UE.
- D. It is used to locate the best IRAT cells.

Correct Answer: A

QUESTION 5

Which two statements correctly describe Single Carrier Frequency Division Multiple Access (SC-FDMA) as used in LTE systems using uplink SIMO? (Choose two.)

- A. SC-FDMA allows simultaneous uplink transmissions on the same physical resource blocks.
- B. SC-FDMA is beneficial because it avoids inter-cell interference.
- C. SC-FDMA separates uplink transmissions in the time and/or frequency domain.
- D. SC-FDMA is beneficial because it avoids intra-cell interference.

Correct Answer: AD



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