



# ECP-383<sup>Q&As</sup>

Ericsson Certified Associate - Radio Network Optimization

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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

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### QUESTION 2

An operator receives customer complaints from an indoor location. The Issues result from a bad neighbor plan in a single RAT and frequency network.

Which two optimization processes would you use to resolve the problem? (Choose two.)

- A. call trace based neighbor optimization
- B. drive test based neighbor optimization
- C. PM counter based neighbor optimization
- D. prediction based neighbor optimization

Correct Answer: AC

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### QUESTION 3

Which three service KPIs (S-KPIs) are obtained by DT measurement? (Choose three.)

- A. bearer drop rate
- B. handover success rate
- C. additional status total time for social media
- D. initial buffering time for video
- E. interactive time for Web browsing

Correct Answer: ABD

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### QUESTION 4



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>qQxLevMin</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 qQualMin parameter to -9 dB.
- D. Set the qRxLevMin parameter to -123 dBm.

Correct Answer: BD

#### QUESTION 5

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

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