

ECP-383^{Q&As}

Ericsson Certified Associate - Radio Network Optimization

Pass Ericsson ECP-383 Exam with 100% Guarantee

Free Download Real Questions & Answers **PDF** and **VCE** file from:

<https://www.certbus.com/ecp-383.html>

100% Passing Guarantee
100% Money Back Assurance

Following Questions and Answers are all new published by Ericsson
Official Exam Center

- ⚙️ **Instant Download** After Purchase
- ⚙️ **100% Money Back** Guarantee
- ⚙️ **365 Days** Free Update
- ⚙️ **800,000+** Satisfied Customers



QUESTION 1

Several operators are using a Multi Operator Core Network (MOCN) with the Shared LTE RAN feature. Which element is shared by the operators in this scenario?

- A. eNodeB
- B. IMS
- C. MME
- D. SGW

Correct Answer: A

QUESTION 2

Which two statements about the Radio Connection Supervision (RCS) algorithm in LTE are correct? (Choose two.)

- A. It selects the number of PRBs assigned to users for downlink and uplink.
- B. It collects radio problems and inactivity information with the purpose to release resources.
- C. It controls the modulation and coding scheme used in DL transmissions.
- D. It supervises the radio connection between E-UTRAN and a UE in connected mode.

Correct Answer: BD

QUESTION 3

An LTE operator explains that the traffic in cell A is very high compared to the traffic in cell B, which are close to each other. Cells A and B are using the same frequency.

In this scenario, which two actions would balance the traffic between cell A and cell B? (Choose two.)

- A. Optimize the connected mode mobility parameters.
- B. Optimize the idle mode related parameters.
- C. Activate the inter-frequency load balancing feature.
- D. Activate the TTI Bundling feature.

Correct Answer: AB

QUESTION 4

What is a cause of degradation in the RSRQ of a serving cell?

- A. thermal noise
- B. average power transmitted by the UE
- C. periodic measurement report transmissions in the serving cell
- D. SIB transmissions sent by the UE

Correct Answer: A

QUESTION 5

How would the highest theoretical UL throughput in a WCDMA network that supports HSPA be achieved?

- A. using R99, UL SF 4
- B. using R99, UL SF 8
- C. using 2 ms TTI for EUL
- D. using 10 ms TTI for EUL

Correct Answer: C

QUESTION 6

A user is participating in an IR.92 compliant VoLTE call.

What is the Quality of Service Class Indicator (QCI) of the bearer that carries SIP signaling?

- A. QCI 1
- B. QCI 2
- C. QCI 8
- D. QCI 5

Correct Answer: D

QUESTION 7

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

QUESTION 8

Which two interfaces are part of a standalone 5G New Radio (NR) architecture? (Choose two.)

- A. X2
- B. N2
- C. N3
- D. SI

Correct Answer: D

QUESTION 9

What are two correct characteristics of TDD and FDD LTE systems? (Choose two.)

- A. TDD LTE systems use guard period intervals after downlink transmissions.
- B. FDD LTE systems require paired spectrum to separate uplink and downlink transmissions.
- C. TDD LTE systems use guard period intervals after uplink transmissions.
- D. TDD LTE systems require paired spectrum to separate uplink and downlink transmissions.

Correct Answer: BC

QUESTION 10

Which two benefits does OSS counter-based optimization provide compared to drive test measurements? (Choose two.)

- A. OSS counters capture the indoor performance.
- B. OSS counters allow throughput measurements in cells where no traffic is carried.
- C. OSS counters only capture the outdoor performance.
- D. OSS counters provide OPEX cost savings.

Correct Answer: AD

QUESTION 11

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

QUESTION 12

You are performing a physical parameter optimization of an LTE network with an automatic tool that uses propagation predictions. As a result, the tool estimates an increase of RSRP from cell A at a particular location.

In this scenario, what has happened?

- A. Signal attenuation from the transmitter to the location has increased.
- B. The antenna pattern of cell A has changed.
- C. The PRB utilization of cell A has decreased.
- D. Soft handover factor has increased.

Correct Answer: B

QUESTION 13

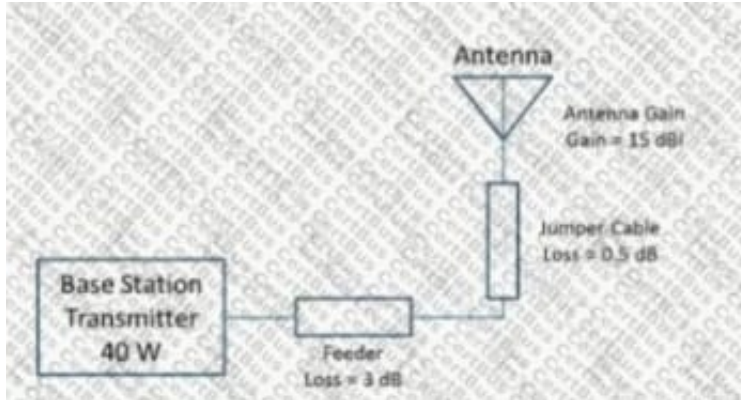
Which identifier is used for locating a UE in a standalone LTE network?

- A. RAC
- B. TAC
- C. LAC
- D. URAC

Correct Answer: B

QUESTION 14

Review the exhibit.



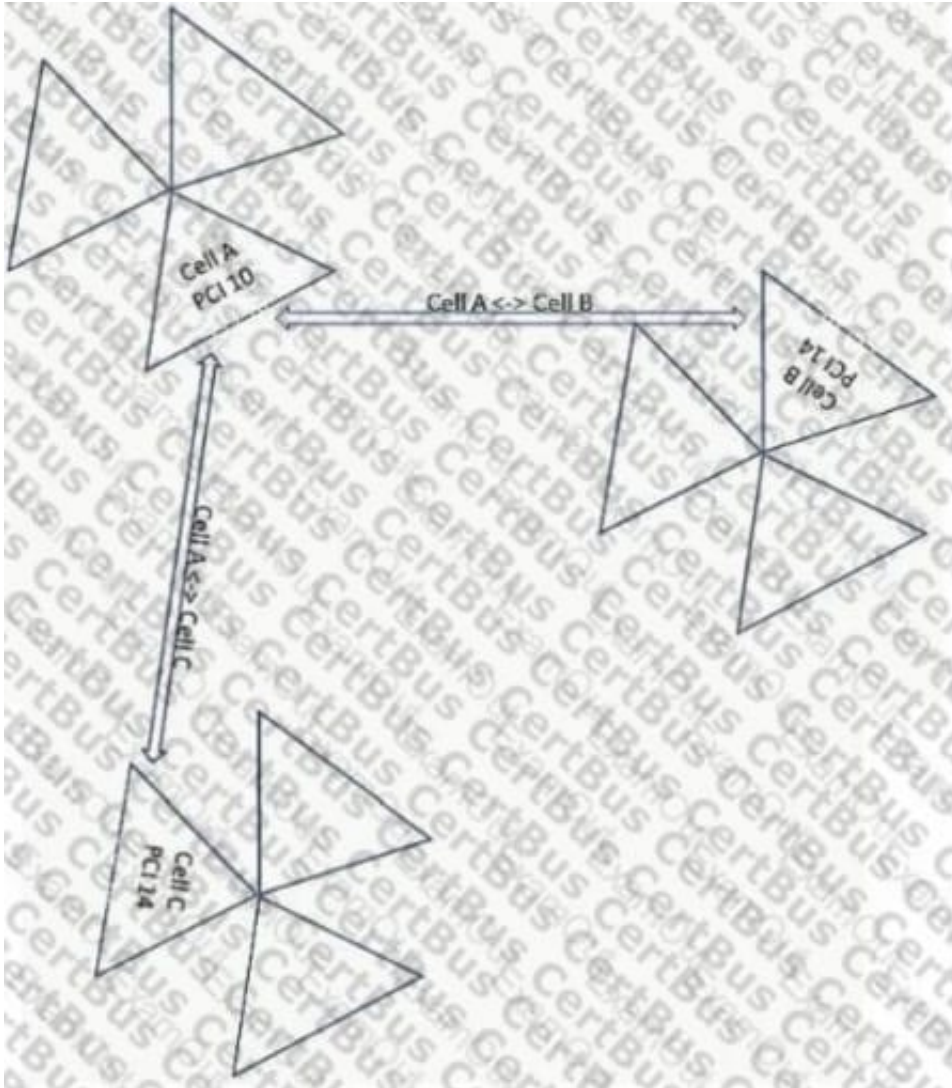
What is the EIRP of the transmitter shown in the exhibit?

- A. 57.5 dBm
- B. 42.5 dBm
- C. 40 dBm
- D. 46 dBm

Correct Answer: A

QUESTION 15

Review the exhibit.



Cell A has neighbor relations with cells B and C which share the same frequency and PCI. Cells B and C do not share any overlapping area.

Referring to the exhibit which statement is correct?

- A. Handover performance of cell A is affected.
- B. There is no degraded performance expected in any of the cells.
- C. Handover performance of cell C is affected.
- D. Handover performance of cell B is affected.

Correct Answer: A

[ECP-383 PDF Dumps](#)

[ECP-383 VCE Dumps](#)

[ECP-383 Practice Test](#)