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Exam : ECP-383

**Title : Ericsson Certified Associate
- Radio Network
Optimization**

Version : DEMO

1.What are two benefits provided by the introduction of GPRS/EGPRS Downlink Power Control in a GSM network? (Choose two.)

- A. reduced power consumption in RBS
- B. reduced downlink Interference levels In the system
- C. reduced uplink interference levels in the system
- D. increased PS accessibility

Answer: B D

2.A customer is deploying VoLTE and complains about high voice drop rates and voice quality degradation at the cell edge in most LTE cells in the area. The network has a dense WCDMA coverage on the 700 MHz band and patchy LTE coverage on the 2100 MHz band.

Which two features would you activate to solve this problem? (Choose two.)

- A. DRX
- B. 256 QAM DL
- C. TTI Bundling
- D. SRVCC Handover to UTRAN

Answer: C D

3.What is an advantage of using flexible numerology in New Radio (NR) 5G?

- A. It allows an alphanumeric mapping between physical data channels on coslted LTE and NR in non-standalone scenarios.
- B. It provides a non defined link between subcarriers used in LTE and NR.
- C. It ensures that the same subcarrier bandwidth is used in NR in both high and low frequencies.
- D. It maintains a more consistent overhead over a very large range of carrier frequencies.

Answer: A

4.What is a benefit of soft handover?

- A. It decreases channel element usage.
- B. It ensures successful handover among detected cells.
- C. It reduces the connected user load of neighboring cells.
- D. It decreases interference.

Answer: B

5.After an optimization meeting, an operator decides to double the transmitted power of an LTE cell. To test the effect of this change, a static test is performed before and after the change.

Which statement is correct in this scenario?

- A. The RSRP received by the UE remains stable.
- B. The variation of the RSRP will depend on the bandwidth of the cell.
- C. The RSRP received by the UE is increased by six dB.
- D. The RSRP received by the UE is increased by three dB.

Answer: D