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Question: 1

Which KPI must be captured in a drive test with TEMS to review VoLTE accessibility?

A. Call Setup Success Rate
B. Handover Success Rate
C. Call Drop Rate
D. Voice Quality

Answer: A

Question: 2

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.

Answer: B, C

Question: 3

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.

Answer: B

Question: 4

Using a cell optimization tool, you detect a sector that takes a large amount of traffic from a distant location that is covered by other sites and is also outside of the coverage predicted for this sector. Which physical optimization action should you perform first In this situation?

A. Increase the antenna height and verify the result.
B. Install TMA and verify the result.
C. Downtilt the antenna and verify the result.
D. Increase the transmit power and verify the result.

Answer: C

Question: 5

A customer has Identified problems In an Indoor, medium loaded, urban area of a GSM/WCDMA collocated network. The problem seems to be in the uplink. The signal level received by the problematic site is high, and the downlink signal in the problematic area is acceptable.
Which two actions would you use to troubleshoot the issue? (Choose two.)

A. Add a pico cell In the same RAT and frequency.
B. Run a passive inter-modulation (PIM) analysis.
C. Decrease base station transmission power.
D. Investigate external interference.

Answer: B, D

Question: 6

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

Question: 7

Which two channel bandwidths are available in LTE? (Choose two.)

A. 2.8 MHz
B. 1.4 MHz
C. 30 MHz
D. 15 MHz

Answer: B, D

Question: 8

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

Question: 9

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

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

Answer: D

Question: 10

Which two statements are correct about voice quality in a VoLTE network? (Choose two.)

A. Increasing jitter will improve voice quality.
B. Increasing silent gaps in the received audio signal will improve voice quality.
C. Decreasing jitter will Improve voice quality.
D. Decreasing silent gaps in the received audio signal will improve voice quality.

Answer: C, D

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