✓ **Congratulations! You passed!**

Grade received **100%**   To pass 80% or higher

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Quiz: Module 6

Latest Submission Grade 100%

1. 5G is moving from the paradigm of virtualized RAN to distributed RAN.

1 / 1 point

○ A: True

◉ B: False

✓ **Correct**
5G is moving from the paradigm of distributed RAN to virtualized RAN

2. Select the benefits of RAN virtualization. (select all that apply)

3 / 3 points

☑ A: Reduced CapEx and OpEx

✓ **Correct**
Congratulations! Choices (A, C, and D) are the correct responses. The benefits of RAN virtualization include reducing capex/ opex, better time-to-market, and a flexibility for new deployments.

☐ B: Higher bandwidth

☑ C: Better time-to-market

✓ **Correct**
Congratulations! Choices (A, C, and D) are the correct responses. The benefits of RAN virtualization include reducing capex/ opex, better time-to-market, and a flexibility for new deployments.

☑ D: Flexibility for new deployments

✓ **Correct**
Congratulations! Choices (A, C, and D) are the correct responses. The benefits of RAN virtualization include reducing capex/ opex, better time-to-market, and a flexibility for new deployments.

3. 5G RAN architecture comprises _____ units and _____ units. (Pick the two that fit, order not important)

2 / 2 points

☐ A: Conventional

☑ B: Centralized

✓ **Correct**
Congratulations! Choices (B and C) are the correct responses. Centralized and distributed units are part of the 5G RAN architecture.

☑ C: Distributed

✓ **Correct**
Congratulations! Choices (B and C) are the correct responses. Centralized and distributed units are part of the 5G RAN architecture.

☐ D: Diffraction

4. In a RAN with functional split, which of the following will host upper layer processing?

2 / 2 points

○ A: Remote Radio head (RRH)

◉ B: centralized unit

○ B: centralized unit

○ C: fronthaul

○ D: distributed unit

✓ **Correct**
Congratulations! Choice (B) is the correct response. The centralized unit will host the upper layer processing.

5. One DU can be connected to multiple CUs.

2 / 2 points

○ A: True

● B: False

✓ **Correct**
One DU can connect to only one CU; one CU, on the other hand, can be connected to multiple DUs

○ B: centralized unit

○ C: fronthaul

○ D: distributed unit