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1. LTE is:
    - ☐ circuit-switched
    - ☐ packet-switched
    - ☐ both
2. Who writes the LTE/NR technical specifications?
    - ☐ 3GPP
    - ☐ ITU
    - ☐ GSMA
3. What is the name for base station in LTE?
    - ☐ UE
    - ☐ RAN
    - ☐ eNodeB
4. What is the name for terminal in LTE?
    - ☐ UE
    - ☐ RAN
    - ☐ eNodeB
5. The downlink is the link that:
    - ☐ goes from UE to eNodeB
    - ☐ goes from eNodeB to UE
    - ☐ both directions
6. What is the first NR release?
    - ☐ release 8
    - ☐ release 15
    - ☐ release 17
7. What technology is used for LTE DL (downlink)?
    - ☐ OFDM
    - ☐ SC-FDMA
    - ☐ CDMA
8. What technology is used for LTE UL (uplink)?
    - ☐ OFDM
    - ☐ SC-FDMA
    - ☐ CDMA
9. What is the main purpose of standardization?
    - ☐ testing products before putting on the market
    - ☐ ensure interoperability between products from different companies
    - ☐ improve technology
10. Which is the layer in charge of encoding and modulation?
    - ☐ MAC
    - ☐ RLC
    - ☐ Physical Layer
11. Which is the physical channel in charge of carry user data in the DL?
    - ☐ PUSCH
    - ☐ PDCCH
    - ☐ PDSCH

ETTN15: Quiz Test 1 (Answers)

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1. Packet-switched
2. 3GPP
3. eNodeB
4. UE
5. goes from eNodeB to UE
6. releases:
   a. Rel 8 (Dec. 2008):LTE.
   b. Rel 15: NR
   c. Rel 17: does not exist yet.
7. OFDM
8. SC-FDMA (DFT-spread OFDM)
9. Ensure interoperability.
10. Physical Layer
11. PDSCH