Week 7 Assessment 7

The due date for submitting this assignment has passed.

As per our records you have not submitted this assignment.

1) In ADF7242, what is the maximum operating frequency (in ___MHz)?
   - No, the answer is incorrect.
   - Score: 0
   - Accepted Answers:
     - (Type: Numerical) 2483.5

2) Find the signal voltage (in ___ microvolts), if the receiver sensitivity is -95dBm and antenna resistance is 50 ohms.
   - No, the answer is incorrect.
   - Score: 0
   - Accepted Answers:
     - (Type: Range) 3,800-4,100

3) Specify the minimum advertising interval (in ___ milliseconds) in BLE?
   - No, the answer is incorrect.
   - Score: 0
   - Accepted Answers:
     - (Type: Numerical) 30

4) IEEE standard used in Wi-Fi is
   - No, the answer is incorrect.
   - Score: 0
   - Accepted Answers:
     - IEEE 802.11
     - IEEE 802.14
     - IEEE 802.16

5) The sensitivity (in ___ dBm) of nRF52840 in BLE mode having a data rate of 125 kbps is
   - No, the answer is incorrect.
   - Score: 0
   - Accepted Answers:
     - (Type: Numerical) -103

6) Select the statements which are FALSE regarding BLE
   - No, the answer is incorrect.
   - Score: 0
   - Accepted Answers:
     - It has a minimum data rate of 1 or 2 Mbps
     - Used in short range applications
     - Does not require gateway for connecting to internet
     - Require gateway for connecting to internet

7) The features of BLE are?
   - No, the answer is incorrect.
   - Score: 0
   - Accepted Answers:
     - Used for getting sensor data
     - Low power
     - Operates over 40 RF channels
     - None of the above

8) The advertising channels used in BLE are?
   - No, the answer is incorrect.
   - Score: 0
   - Accepted Answers:
     - 36, 38, 39