Assignment 2

The due date for submitting the assignment has passed. As per our rules, you have not submitted this assignment.

Due on 2023-02-12, 23:59:59 EST.

Week 1

1. Voltage Regulator Type
   - 0.5 cycle to 1 min
   - 0.5 cycle to 2 min
   - 1 cycle to 1 min
   - 1 cycle to 2 min
   [Answer: Incorrect]

2. Type of voltage regulator
   - A
   - B
   - C
   - D
   [Answer: Incorrect]

Week 2

3. Source of Power Quality
   - A
   - B
   - C
   - D
   [Answer: Incorrect]

4. Power Quality Standard
   [Answer: Incorrect]

5. Improvement of Power Factor
   - A
   - B
   - C
   - D
   [Answer: Incorrect]

Week 3

6. A single-phase AC supply has RMS voltage of 230V at 50 Hz and a power factor of 0.8. Calculate the real power consumed.
   [Answer: Incorrect]

7. A 240V, 50Hz, 50kW, 3-phase induction motor operates at a power factor of 0.8 lagging. Calculate the current drawn by the motor.
   [Answer: Incorrect]

Week 4

8. A 3-phase 4-wire system has a balanced load of 200A at 230V. Calculate the total power consumed.
   [Answer: Incorrect]

Week 5

9. A 240V, 50Hz, 3-phase induction motor operates at a power factor of 0.8 lagging. Calculate the current drawn by the motor.
   [Answer: Incorrect]

Week 6

10. A 3-phase 4-wire system has a balanced load of 200A at 230V. Calculate the total power consumed.
    [Answer: Incorrect]

Week 7

11. A 240V, 50Hz, 3-phase induction motor operates at a power factor of 0.8 lagging. Calculate the current drawn by the motor.
    [Answer: Incorrect]