Week 1 Assessment

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

1. The maximum operating voltage of 165kV transmission system is
   - 40kV
   - 80kV
   - 165kV
   - 330kV
   No, the answer is incorrect. Score: 0
   Accepted Answer: 80kV

2. The Right of Way (ROW) for a 132kV AC transmission line is
   - 50 meters
   - 75 meters
   - 150 meters
   - 120 meters
   No, the answer is incorrect. Score: 0
   Accepted Answer: 75 meters

3. The approximate Power transfer capability of a 833kV transmission line is
   - 600MW
   - 888MW
   - 833MW
   - 787MW
   No, the answer is incorrect. Score: 0
   Accepted Answer: 600MW

4. One 110 kV line can carry more than ______ times power carried by one 220 kV line
   - three
   - two
   - one
   - four
   No, the answer is incorrect. Score: 0
   Accepted Answer: four

5. Surge impedance of transmission line is approximately equal to ______ Ohms
   - 10-50
   - 25-50
   - 15-100
   - 18-150
   No, the answer is incorrect. Score: 0
   Accepted Answer: 10-50

6. The highest percentage of electricity consumption in the country is used by
   - Agricultural activity
   - Commercial
   - Domestic
   - Industry
   No, the answer is incorrect. Score: 0
   Accepted Answer: Industry

7. The function of Insulator is to electrically isolate the conductor from
   - Wire
   - Ground
   - Both upper and ground
   - Condensation
   No, the answer is incorrect. Score: 0
   Accepted Answer: Wire

8. Faults responsible for Insulation damage below 66kV are
   - Mechanical interference
   - Corona
   - Conduction
   - Switching surges
   No, the answer is incorrect. Score: 0
   Accepted Answer: Mechanical interference

9. Above 66kV major factor responsible for insulation design is
   - Lighting surges
   - Switching surges
   - Pollution
   - Corona
   No, the answer is incorrect. Score: 0
   Accepted Answer: Corona

10. Insulators should be able to withstand
    - Tempest loads
    - Compressive loads
    - Dynamic loading
    - All
    No, the answer is incorrect. Score: 0
    Accepted Answer: All