WEEK 6

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

1) Phase to ground and Phase to phase clearances are estimated based on

- Lightning and switching surges
- Lightning and Pollution conditions
- Power frequency and pollution
- Switching and polluted condition

No, the answer is incorrect.
Score: 0
Accepted Answers:
Lightning and switching surges

2) The corona performance is best in case of

- Single conductor configuration
- Octagonal configuration
- Twin Conductor configuration
- Quadruple configuration

No, the answer is incorrect.
Score: 0
Accepted Answers:
Octagonal configuration

3) Shunt capacitors supply

- Active power at the bus to which they are connected
- Apparent power at the bus to which they are connected
- Reactive power at the bus to which they are connected

Score: 0
4) When capacitor bank is switched on there is transient due to

- Voltage surge of power frequency
- Current surge of power frequency
- Overvoltage and over currents
- Current surge of high frequency

No, the answer is incorrect.
Score: 0

Accepted Answers:
Current surge of high frequency

5) To limit inrush currents

- Damping reactors are connected in series with capacitors
- Damping reactors are connected in series
- Damping resistors are connected in parallel with capacitors
- None of the above

No, the answer is incorrect.
Score: 0

Accepted Answers:
Damping reactors are connected in series with capacitors

6) The Lightning and switching impulse values adopted for 1200kV are

- 1550kV and 2100 kV
- 1800kV and 2400 kV
- 1050kV and 1200kV
- 980 kV and 1200kV

No, the answer is incorrect.
Score: 0

Accepted Answers:
1800kV and 2400 kV

7) Electrostatic generators are used to generate

- High AC voltages
- High DC voltages
- Impulse and DC Voltages
- Power frequency voltages

No, the answer is incorrect.
Score: 0

Accepted Answers:
High DC voltages

8) The excitation winding of a cascade transformer first stage has

- Half the number of turns as primary winding
- Same number of turns as secondary winding
- Same number of turns as primary winding
- More number of turns than primary winding

No, the answer is incorrect.
Score: 0
9) Multiplier circuits are used to generate:

- High DC Currents
- Low DC voltages
- High AC/DC Voltages
- High DC Voltages

No, the answer is incorrect.
Score: 0

Accepted Answers:
High DC Voltages

10) Sphere gaps are used for measurement of:

- Power frequency and Impulse voltages
- DC and AC voltages and currents
- AC, DC and Impulse voltages
- Impulse voltages and Impulse currents

No, the answer is incorrect.
Score: 0

Accepted Answers:
AC, DC and Impulse voltages