Week 3 - Quiz

Due on 2023-03-19, 23:59 IST

1. Describe the primary aspect of insulation coordination in transmission systems that requires careful consideration. What is the primary factor influencing this coordination?

(a) Voltage level
(b) Insulator type
(c) Environmental conditions
(d) Cost of maintenance

2. What is the primary purpose of surge protection devices?

(a) To limit the voltage beyond the allotted limit
(b) To prevent damage to the insulation
(c) To increase the insulation level
(d) To protect the equipment from damage

3. The essential voltage of surge protection devices should be________, to the withstand voltage of equipment.

(a) lower than
(b) equal to
(c) higher than
(d) none of these

4. What is the primary purpose of surge protection devices?

(a) To limit the voltage beyond the allotted limit
(b) To prevent damage to the insulation
(c) To increase the insulation level
(d) To protect the equipment from damage

5. What type of wave reflection can be caused by incorrectly positioned insulators?

(a) Reflection
(b) Refraction
(c) Transmission
(d) Absorption

6. What is the primary factor influencing the coordination of transmission systems?

(a) Voltage level
(b) Insulator type
(c) Environmental conditions
(d) Cost of maintenance

7. What type of wave reflection can be caused by incorrectly positioned insulators?

(a) Reflection
(b) Refraction
(c) Transmission
(d) Absorption

8. What is the primary purpose of surge protection devices?

(a) To limit the voltage beyond the allotted limit
(b) To prevent damage to the insulation
(c) To increase the insulation level
(d) To protect the equipment from damage

9. The essential voltage of surge protection devices should be________, to the withstand voltage of equipment.

(a) lower than
(b) equal to
(c) higher than
(d) none of these

10. What is the primary purpose of surge protection devices?

(a) To limit the voltage beyond the allotted limit
(b) To prevent damage to the insulation
(c) To increase the insulation level
(d) To protect the equipment from damage

11. What is the primary factor influencing the coordination of transmission systems?

(a) Voltage level
(b) Insulator type
(c) Environmental conditions
(d) Cost of maintenance

12. What is the primary purpose of surge protection devices?

(a) To limit the voltage beyond the allotted limit
(b) To prevent damage to the insulation
(c) To increase the insulation level
(d) To protect the equipment from damage