

Generation Transmission and Switch Gear
Important 10mark questions

Unit I

1. Draw the schematic diagram of thermal power plant and explain.
2. Explain about hybrid solar PV system with sketch.

Unit II

1. Draw and explain the schematic diagram of different types of links used in HVDC transmission.
2. Draw and explain the layout of AC power supply scheme.

Unit III

1. Explain with a neat diagram, the construction of any one type of underground cable.
2. What are the tests to be conducted on an insulator? Explain each.

Unit IV

1. Explain with a neat sketch the construction and working of SF6 circuit breaker.
2. Explain the construction and working of liquid type fuse with neat sketch.

Unit V

1. Explain the operation of induction type reverse power relay with diagram.
2. Explain with diagram, the construction and working of an induction type non-directional over current relay.