

1 YEAR QUESTIONS

Unit 1

1. Duties and responsibilities of Electrical engineer
2. Columbs laws
3. Fleming's rule
4. Derive series & parallel capacitor & resistor
5. Simple problem (series & parallel)

Unit 2

1. Block diagram of Ac Transmission
2. Application of solar pv cell
3. Concept of Ev & any 1 type
4. Domestic house wiring

Unit 3

1. Resistor working
2. capacitor & inductor working principle
3. Self inductance & mutual inductance.

Unit 4.

1. PN junction diode
2. P & N type Semiconductor
3. Forward & reverse bias
4. VI Characteristics & applications

Unit 5

1. Safety precautions
2. First aid
3. Earthing

4. Pcb types

5. Soldering types & tools, precautions