

Important Topics to concentrate more on

Single phase

- R,C,L derivations
- Series RLC derivations(\*)

3-Phase

- Star and Delta connection(\*)
- Terms related to 3 phase(for one markers)

Domestic wiring

- Pipe and Plate earthing

DC motors

- Torque equation
- Back EMF and its significance
- DC motors characteristics with application (\*)

Synchronous Generators

- Difference between salient and non salient pole
- EMF equation

Transformers

- Difference between Core type and Shell type
- Losses

Induction motor

- Difference between squirrel cage and slip ring
- Slip and significance
- Star Delta starter

Electromagnetism

- All the laws(for one markers)
- Magnetically coupled coil
- Co-efficient of coupling
- Energy stored in magnetic field

#### Basic Electrical Instruments

- Types of instruments (for one marker)
- Wattmeter and energy meter

Problems of all Chapters is a must

(\*) Probability is more that These Questions might be asked

Credits: Subhash, F sec