

**UNIT 1****Chapter 1 : Transformer 1-1 to 1-23**

Syllabus : Modes of heat dissipation. Heating and cooling curves. Calculations of heating and cooling time constants. Types and constructional features of core and windings used in transformer. Transformer auxiliaries such as tap changer, pressure release valve, breather and conservator. Specifications of three phase transformers as per IS 2026(Part I).

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UNIT 3

Chapter 3 : Performance Parameters of Transformer

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**UNIT 4****Chapter 4 : Three Phase Induction Motor
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UNIT 6

Chapter 6 : Performance Parameters of 3-Phase Induction Motor 6-1 to 6-23

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