

Electrical Machines II - CECE317

Q₁: Define The Transformer?

Q₂: Explain briefly The Construction of Transformer?

Q₃: What are The different Core types of The Transformer,
"Using sketches".

Q₄: What are The insulation classes of The power Transformer?

Q₅: State The Transformer types according to different classifications?

Q₆: What is The power Transformer principle of operation?

Q₇: Drive The EMF Equation of The Transformer?

Q₈: prove That The voltage induced per turn in The Transformer is The same for Both sides of The Transformer?

Q₉: It is desired to have 4.13 mWb maximum core flux in a Transformer operating at 110V and 60 Hz. Determine The required number of turns on The primary side?