Empertant questions Explain different types of circuit elements to destail? state and Explain Kirchoffy voltage knot Kirchoffy current law? 3) Explain energy sources in detail.? Explain The concept of course Transformation Explain Meth +Nodal Analysix with an Example) Derive Experim for STAR to DELTA @ DELTA to STAR Transformation. 7) Define the following terms ii) Magnetic of lux in magnetic flux density iv) magnetic flux intensity v) Reluctance vi) permissility 9) Derive The Expression for self inductance money industance + 9) Derive the Expresion co-efficient of coupling.?

1) State of Explain Superposition Theorem with an Example?
2) 1 4 Reciprocity 3) State of Device maximum power Transfer Hedren by using Maximum power Transfer Theorem. u) State of Explain Therening & Norton's Theorem 5) State + Explain Tellegrey Theorem 6) State of Explain millman, Theorem ) Explain constructional details of De machine in defail? UNIT-IV 2) Derive Emf eyn of a De Generater 3) Explain poinciple of operation of a De generator. 5) Explain significance of Base Employer De motor 6) Derive torque ern of a De motor. 1) Explain The working principle of a transformer 8) Explain The constructional details of a Transformer

9) Derive Emf Ern gu Transformer. Discuss asmt practical Transformer at load conditing with phaser diagram 1) Draw The Emirdent cht of a Transformer 4 1991 Exploin in detail, the photo diagram i) referred to for many. 12) Explain afferent types loppes in transformer in detail 13) Explain The in detail along the Auto Transformer. ONDT-D 1) Explain different types of wives | cestes Explain the concept of Earthing in detail. 3) 1:31 the different types mcB 404 Explain in detail. 4) Explain the concept of power factor improvement. Dissums

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