

B.Tech II Year - I Semester Examinations, May-June, 2012

ELECTRICAL CIRCUITS
(COMMON TO EEE, ECE, ETM)

Time: 3 hours

Max. Marks: 75

Answer any five questions
All questions carry equal marks

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- 2.a) Derive expressions for star to delta, delta to star conversions.
- b) Find the power dissipated in the 15Ω resistance of the network in Fig.2. Use mesh analysis. [7+8]

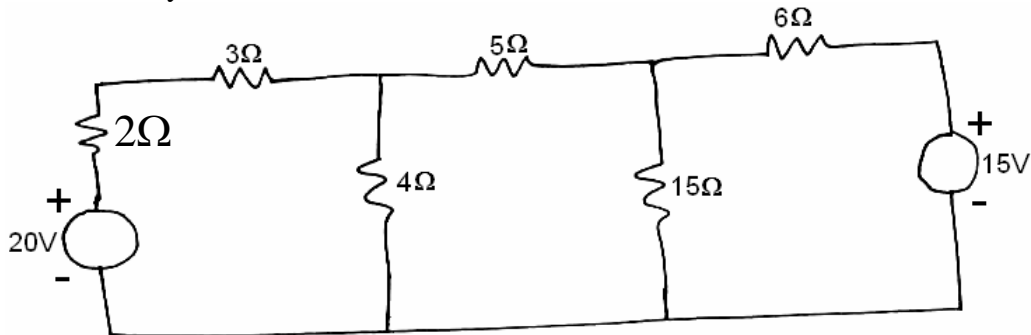


Fig.2