

- b Explain dynamic characteristics of SCR with wave forms.
- Q5 a Explain with relevant wave forms any one method to control the magnitude and frequency of the output voltage of the single phase inverter.
- c Explain with circuit diagram and waveforms, three phase bridge inverter for 120° conduction mode.
- Q6 Explain the following
- a Basic working principle of Matrix converter.
- b Any two commutation circuits of SCR
- c Comparison of fully controlled and half controlled full wave rectifier with R-L load.
- d Snubber circuit of SCR.

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