



ETP 002 (B. Tech)

**III Semester B.Tech. (Electronics and Tele Communication)
Examination, August 2011
ELECTRONIC DEVICES AND CIRCUITS LAB – I**

Time : 3 Hours

Max. Marks : 75

- Instructions :** 1) Answer *all* questions in Part – A and either (a) or (b) in Part – B.
2) Each question carries 5 (five) marks in Part – A and 50 (fifty) marks in Part – B.

PART – A

1. Explain the characteristics of diode.
2. How transistor working as an amplifier ? Explain.
3. Explain the characteristics of class B amplifier.
4. Mention the advantages of fixed bias.
5. Explain how motor control is used in SCR.

PART – B

6. a) To conduct an experiment on SCR and draw the characteristics.

OR

- b) To conduct an experiment on CE configuration and draw the Input and Output curve.
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