

Department of Electronics & Communication Engineering
Faculty of Engineering, Integral University, Lucknow

Assignment Sheet 2

Basic Electronics (EC-101)

Faculty : Shrish Bajpai

Due Date : August 23 & 24, 2012

Problems : 1

1. Write down detail notes with appropriate figures of the following

- (a) Light Emitting Diode (LED)
- (b) Schottkey Diode
- (c) Zener Diode
- (d) Junction diode A.C. resistance & D.C. resistance

Note : Student should draw the figures, mention the region of operation of the diode & Symbole representation of the corresponding diode. For LED student can take the notes from the book “Electronic Devices and Circuit Theory” by Robert L. Boylestad & Schottkey Diode from “Introduction to Digital Microelectronic Circuit” by K. Gopal Gopalan(Page 73-75). Diode resistance notes can be taken from “Electronic Devices and Circuit Theory” by Robert L. Boylestad.

Do the assignment on A-4 sheets only.

After the date of submission, assignment will not be accepted and zero marks will be allotted to the student who fail to submit the assignment on due date.