

Department of Electronics & Communication Engineering

Faculty of Engineering, Integral University, Lucknow

Assignment Sheet 2

Mechatronics (IEME-024)

Faculty : Shrish Bajpai

Problems : 05

Due Date : September 05, 2014

1. Explain role of Mecha-tonics in automobile engineering.
2. Write five major difference between PN junction, Zener diode & Tunnel diode.
3. Write five major application of PN junction, Zener diode & Tunnel diode.
4. Write major difference between combinational circuits & sequential circuit.
5. Design full & half sub tractor using multiplexer & encoder.