

BANGLADESH UNIVERSITY OF ENGINEERING AND TECHNOLOGY

Department of Mechanical Engineering

ME 362 (Instrumentation and Measurement Sessional)

Necessary Components, Devices and Accessories for making a POWER SUPPLY (5V Regulator):

1. 24 VCT Center Tapped Transformer (24 volt at the outer two taps)
2. 1N4007 Diodes (Several pieces)
3. Polar and Non-polar Capacitors (Several Pieces, ranging from 0.01uF to 2200uF)
4. 7805 IC, 7812 IC (2 pieces)
5. LED (Several Pieces)
6. Bread Board/ Project Board, Vero Board
7. Several types of Switch
8. Connecting Wires, Jumper, Supply Cables
9. Wire stripper (may be Nail Cutter)