

## Pre Lab Worksheet (Exp 6)

**Question 1:** Draw the circuit diagram for half wave and full wave rectifier and give the answer of following questions

- a) What is the purpose of a rectifier?
- b) Why filter is used in a rectifier?
- c) What are the advantages of half wave rectifier?
- d) Define Ripple factor and Efficiency. State the ideal values.
- e) What is the average and RMS voltage of half wave and full wave rectifier?