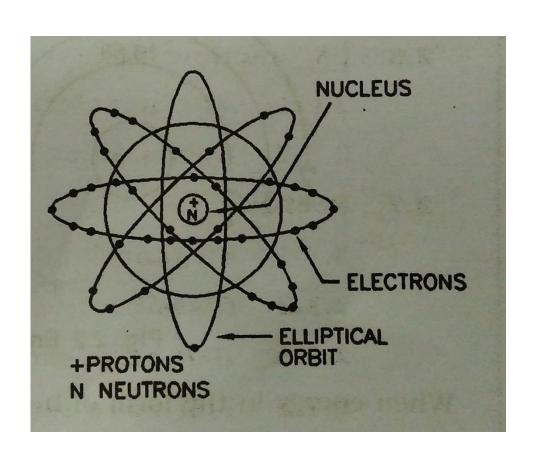
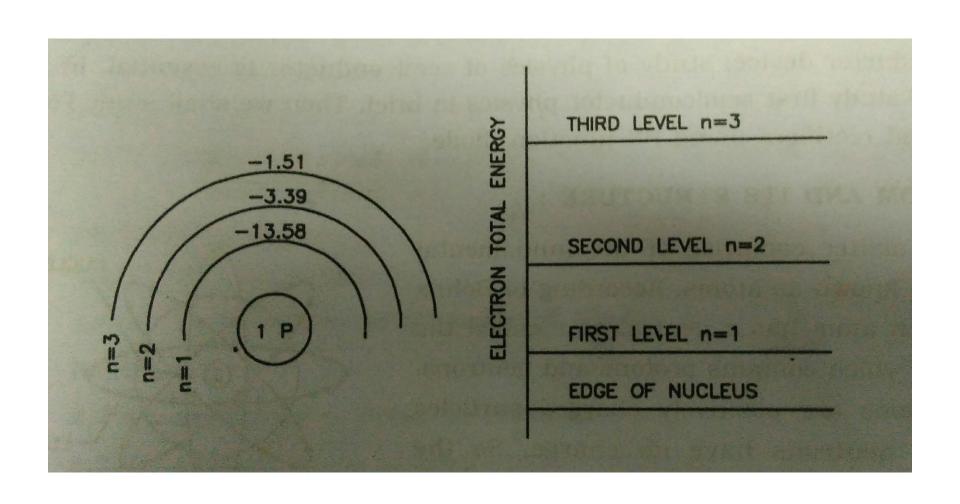
BASIC ELECTRONICS (3320701)

Diode and Its Applications

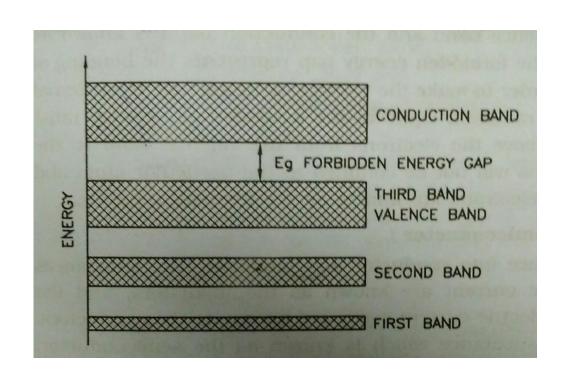
ATOMS AND ITS STRUCTURE



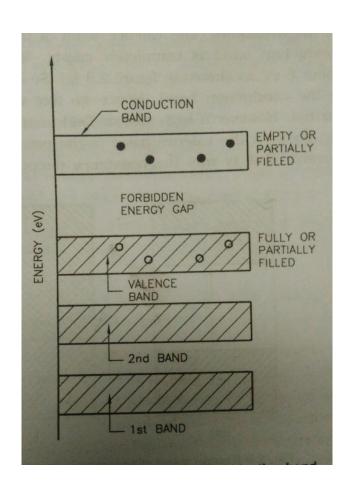
ENERGY LEVELS



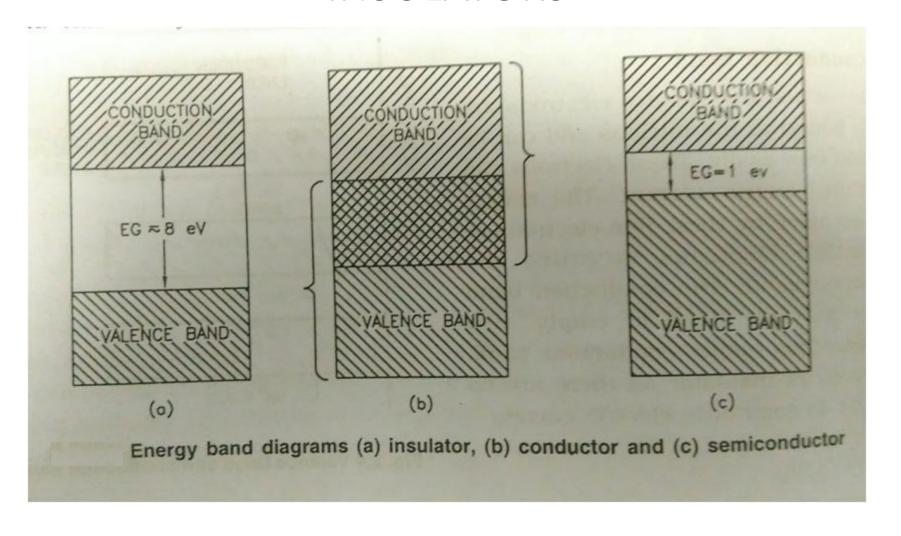
ENERGY BANDS



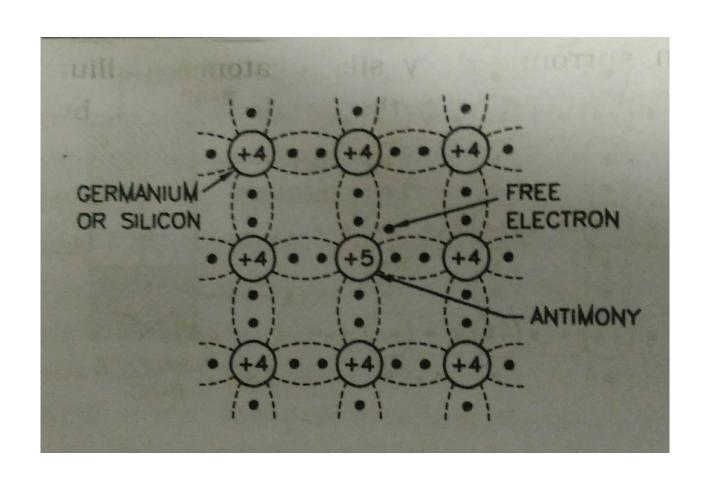
VALENCE, CONDUCTION AND FORBIDDEN ENERGY GAPS



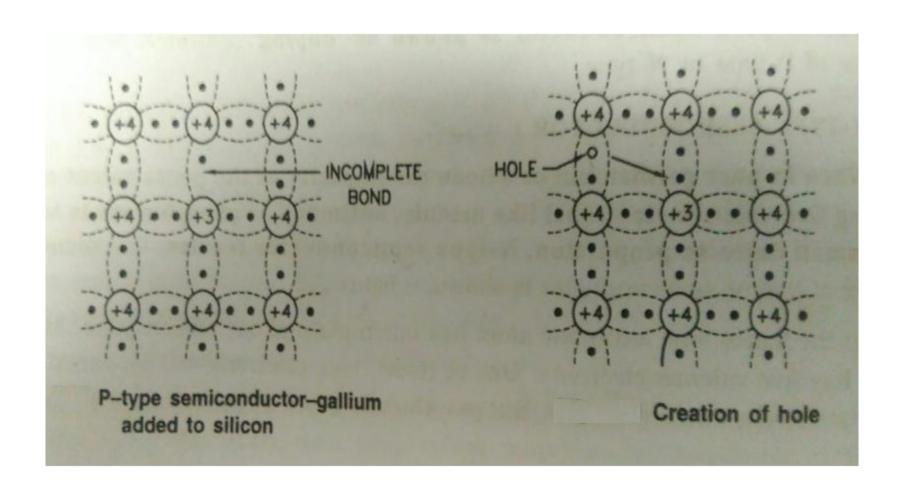
CONDUCTORS, SEMICONDUCTORS AND INSULATORS



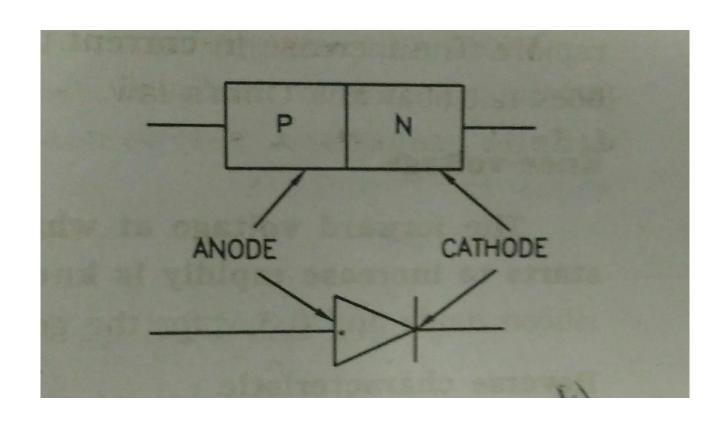
N-TYPE SEMICONDUCTOR



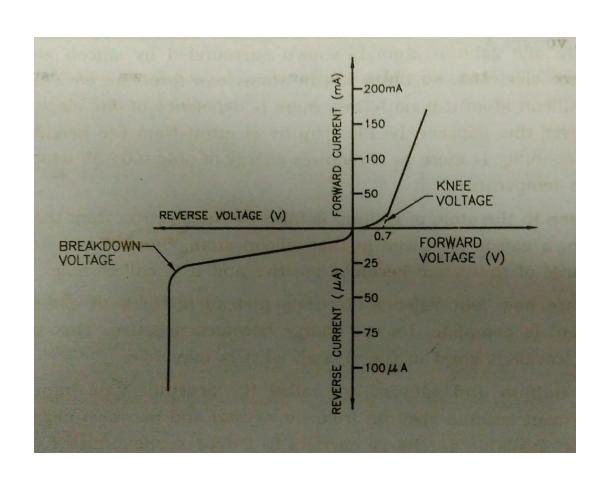
P-TYPE SEMICONDUCTOR



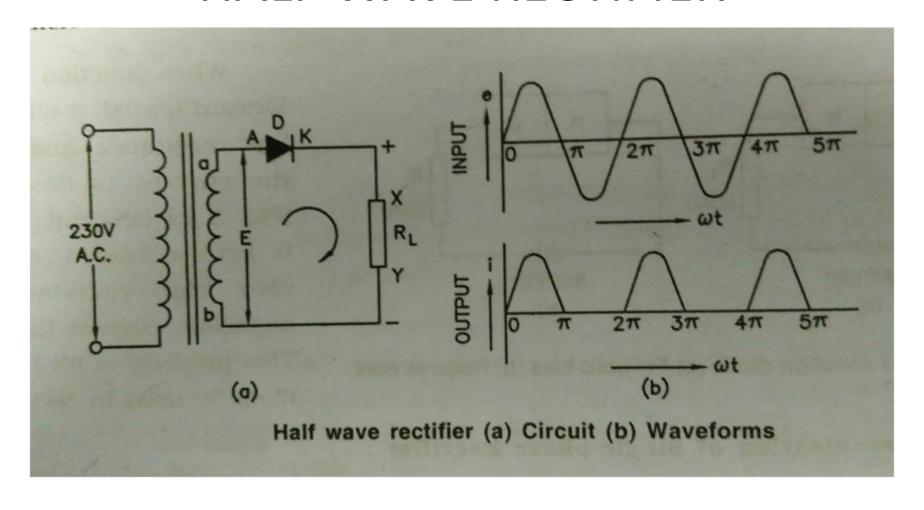
PN – JUNCTION DIODE



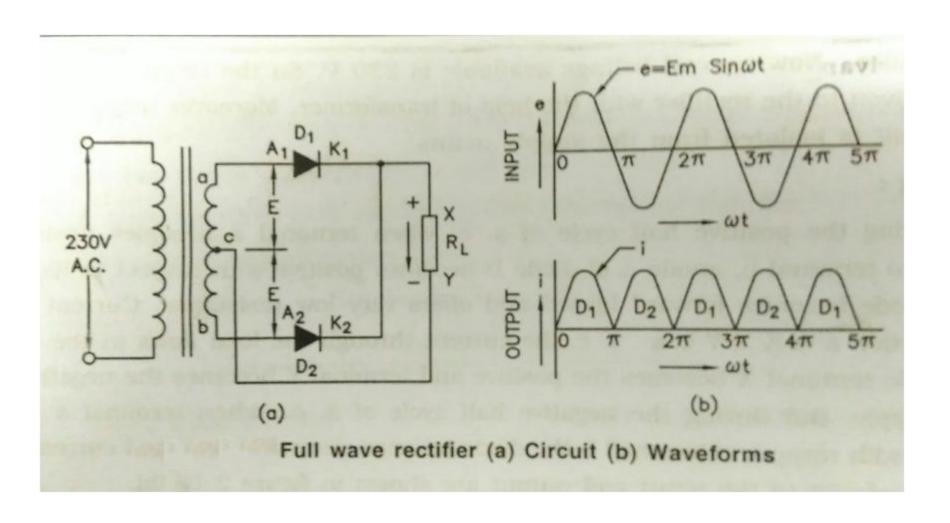
VI - CHARACTERISTICS



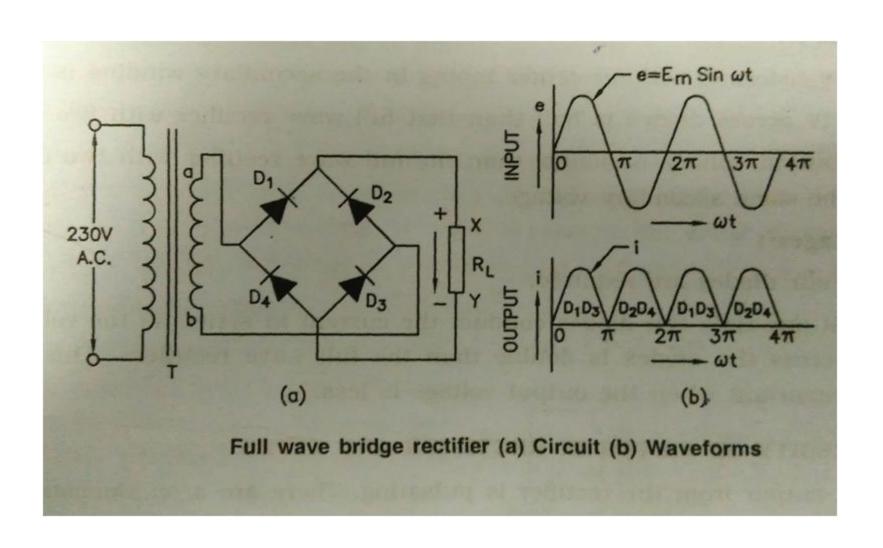
HALF WAVE RECTIFIER



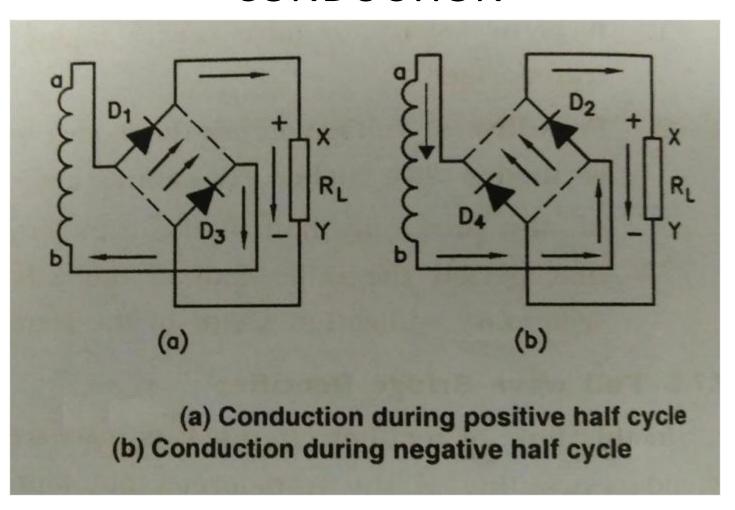
FULL WAVE RECTIFIER



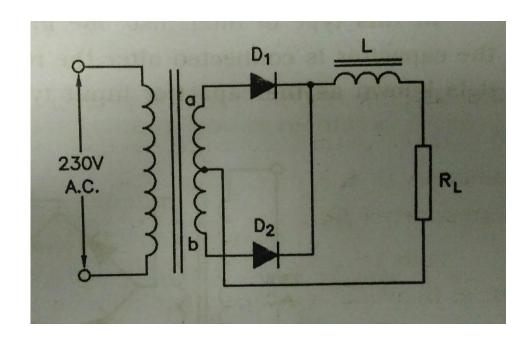
FUL WAVE BRIDGE RECTIFIER



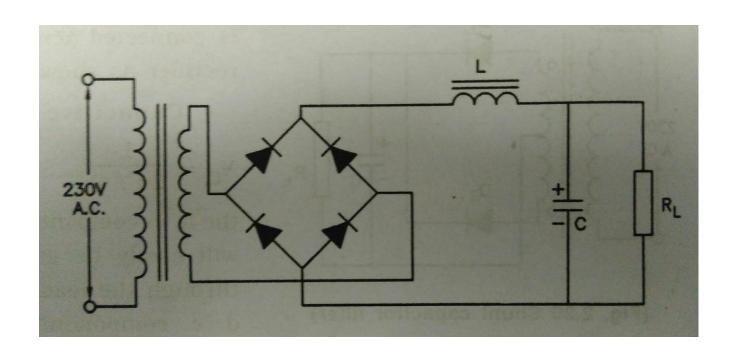
FULL WAVE BRIDGE RECTIFIER CONDUCTION



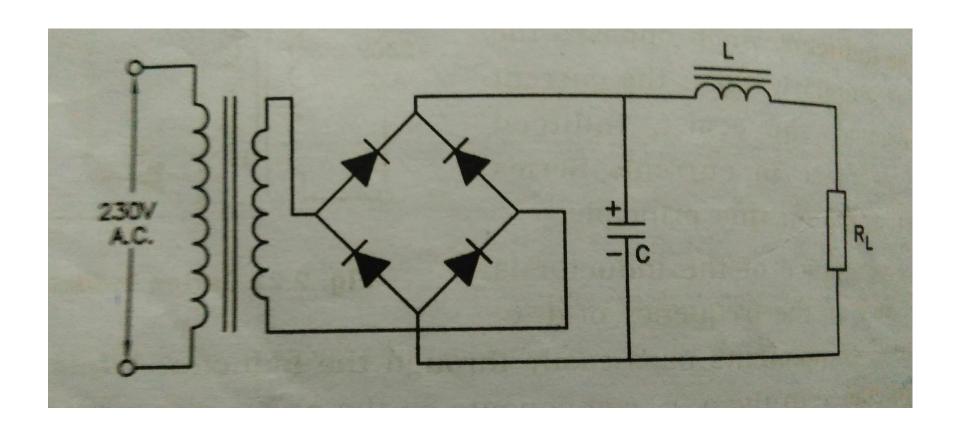
FILTER(SERIES INDUCTOR)



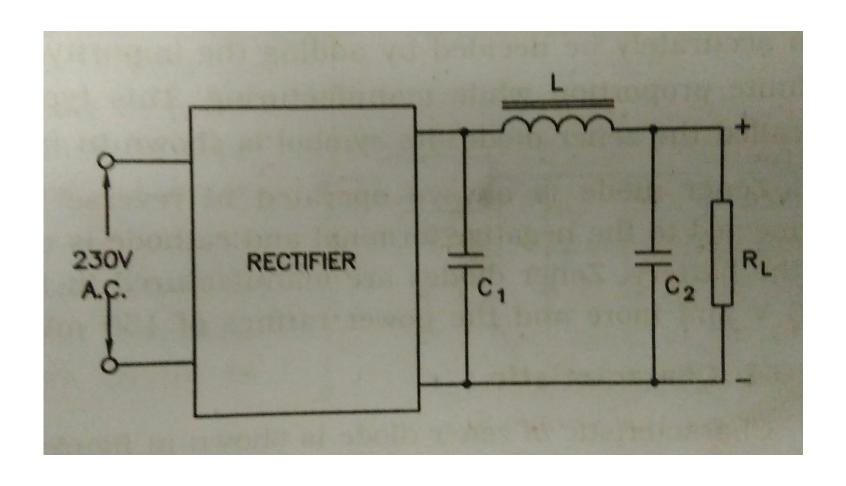
FILTERS(CHOKE INPUT LC)



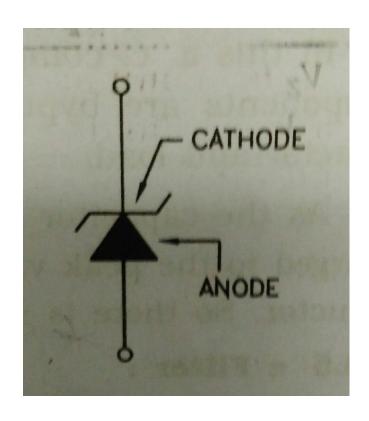
FILTERS(CAPACITOR INPUT LC)



FILTERS(∏)



ZENER DIODE



VI CHARACTERISTICS OF ZENER DIODE

