

Dept of Physics
Semester - IV

Paper: 8 (Theory) F.M=10

Q. What do you mean by complex number. How can a complex number be graphically represented.

Paper: 9 (Theory) F.M=10

Q. What is de-Broglie wave. Find an expression for de-Broglie wavelength of an electron.

Explain with figure about Davisson - Germer Expt.

Paper-10 (Theory) F.M=10.

Q. Explain with sketch & Block diagram of about Cathode Ray Oscilloscope.

Practical - 8, 9 & 10

Q. Study about the V-I graph of a PN junction diode (Characteristic curve)

NOTA OF PHYSICS

Dept. of Physics
Semester - IV

· GE - 4 (Theory) P.M210

Q. Write Fourier's Theory.

How this theorem is applied
to saw tooth wave.

GE - 4 (Practical) P.M205

Q. Determine coefficient of
viscosity of water by
capillary flow method.