Physics Exam 2018

Generated using an automated paper generation system

A project created by Manik and Nagesh

Max Marks : 100 Time : 3 Hours

Section A
Max marks for this section are 4

Q1: What is a diode?

Q2: What are conductors? Give an Example

Q3: Give 4 examples of vector quantities

Q4: What do you mean by viscosity?

Q5: Derive the formula for two heavy bodies interacting under gravity in space.

Section B
Max marks for this section are 6

Q1: Describe Lenz's optical law.

Q2: Explain the phenomena of electricity generation because of magnetism?

Q3: What is the significance of optics in real world?

Q4: What is Ionization energy?

Q5: Describe and explain Flemings right hand rule.

Section C
Max marks for this section are 10

Q1: Draw and describe an atom in detail.

Q2: Desribe defects in solids, explain types of defects.

Q3: Who was Issac Newton and why is he important?

Q4: Explain and Derive huygens wave theory.

Q5: What is the intensity of magnetic field experienced by a magnetic field placed in an perpendular electric field