

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: Give 4 examples of vector quantities
- Q2: What are insulators? Give an Example
- Q3: What is a diode?
- Q4: Give 4 examples of scalar quantities
- Q5: What do you mean by viscosity?

Section B

Max marks for this section are 6

- Q1: What is the significance of optics in real world?
- Q2: Explain the phenomena of electricity generation because of magnetism?
- Q3: Describe Lenz's optical law.
- Q4: What is Ionization energy?
- Q5: Describe and explain Flemings right hand rule.

Section C

Max marks for this section are 10

- Q1: Describe defects in solids, explain types of defects.
- Q2: Who was Issac Newton and why is he important?
- Q3: Draw and describe an atom in detail.
- Q4: Explain and Derive Huygens wave theory.
- Q5: What is the intensity of magnetic field experienced by a magnetic field placed in a perpendicular electric field