

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 are conductors? Give an Example

Q2: What do you mean by viscosity?

Q3: What are insulators? Give an Example

Q4: What is a diode?

Q5: Give 4 examples of vector quantities

Section B

Max marks for this section are 6

Q1: Describe Lenz's optical law.

Q2: What is the significance of optics in real world?

Q3: Explain the phenomena of electricity generation because of magnetism?

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

Q3: Explain and Derive Huygens wave theory.

Q4: Draw and describe an atom in detail.

Q5: Who was Issac Newton and why is he important?