## 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 insulators? Give an Example
- Q2: What do you mean by viscosity?
- Q3: Give 4 examples of scaler quantities
- Q4: Define the different kinds of currents.
- Q5: Give 4 examples of vector quantities

**Section B** 

Max marks for this section are 6

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

**Section C** 

Max marks for this section are 10

- Q1: Who was Issac Newton and why is he important?
- Q2: Desribe defects in solids, explain types of defects.
- Q3: State importance of coherent sources in the phenomenon of interference.
- 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