Physics (5054)

Revision Notes

Topic-1: Motion, Forces and Energy

- 1 Physical Quantities and Measurement Techniques
- 2 Motion
- 3 Mass, Weight and Density
- 4 Balanced and Unbalanced forces, Friction and Circular motion
- 5 Turning effect of forces and Centre of gravity
- 6 Elastic deformation
- 7 Momentum
- 8 Energy, work and power
- 9 Pressure

Topic-2: Thermal Physics

- 1 Kinetic particle model of matter
- 2 Thermal properties of matter
- 3 Transfer of thermal energy

Topic-3: Waves

- 1 General properties of waves
- 2 Light
- 3 Electromagnetic spectrum
- 4 Sound

Topic 4: Electricity and Magnetism

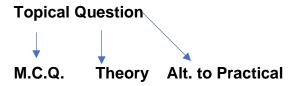
- 1 Electrical quantities
- 2 Electric circuits
- 3 Practical electricity
- 4 Simple magnetism, magnetic fields and Electromagnetic effects
- 5 Uses of an oscilloscope

Topic-5: Nuclear Physics

- 1 The nuclear model of the atom
- 2 Radioactivity

6 Space Physics

- 1 Earth and the Solar System
- 2 Stars and the Universe



M.C.Q. & Theory

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Alt. to Practical

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Topic-3: Waves

Topic 4: Electricity and Magnetism

Only topic name

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