List of Practical: Physics 9th

Chapter 1 Measurements

1. Measure the area of cross section of a solid cylinder by measuring the Diameter with vernier calipers.

2. Determine the volume of a solid cylinder by measuring its length and diameter.

Chapter 2 Kinetics

3. Find the acceleration of a ball rolling down an inclined angle iron by drawing a graph between 2 S and t^2.

4. Find the value at g by free fall method.

Chapter No. 3 Dynamics

5. Find the force limiting friction by rolling a roller on a horizontal surface.

Chapter No. 4 Turning Effect of Forces

6. Determine the resultant of two forces graphically by using a horizontal force table.

7. Verity the principal of moments by using a meter rod balanced on a wedge.

8. Find the unknown weight of an object by using principal of moment.

Chapter No. 5 Gravitation

9. Study the effect of length at simple pendulum on its time period and hence find the value of g by calculation.

10. Prove that time period of a simple pendulum is independent of amplitude of vibration.

Chapter 6 Properties at Matter

I I. Determine the relationship between load and extension {helical spring} by drawing a graph.

12. Find the density of a body heavier than water by Archimedes principal.

Chapter No.7 Thermal Properties of Matter

13. Draw a graph between temperature and time when ice is converted into water and then to steam by slow heating.