

**PHYSICS**  
**BIFURCATED LIST OF PRACTICALS FOR CLASSES-X**  
**ACCORDING TO CURRICULUM 2006**  
**(ONLY FOR ANNUAL EXAMINATION 2022)**

**LIST OF PRACTICALS FOR CLASS-X**

1. To study the effect of the length of simple pendulum on time and hence find “g” by calculation.
2. To prove that time period of a simple pendulum is independent of (i) mass of the pendulum (ii) amplitude of the vibration.
3. To verify the laws of refraction by using a glass slab.
4. To find the refractive index of water by using concave mirror.
5. To determine the critical angle of glass using a semi circular slab and a light ray box/or by prism.
6. To trace the path of a ray of light through glass prism and measure the angle of deviation.
7. To find the focal length of a convex lens by parallax method.
8. To set up a microscope and telescope.
9. Verify Ohm’s law (using wire as conductor).
10. To study resistors in series circuit.
11. To study resistors in parallel circuit.
12. To find the resistance of galvanometer by half deflection method.
13. To trace the magnetic field using a bar magnet.
14. To trace the magnetic field due to a current carrying circular coil.
15. To verify the truth table of OR, AND, NOT, NOR and NAND gates.
16. To make a burglar alarm/fire alarm using an appropriate gate.