

KENDRIYA VIDYALAYA ALIGANJ LUCKNOW
(AISSCE PHYSICS PRACTICAL EXAMINATION)

Class – XII

List of practicals to be performed during academic year 2023-24

SECTION–A

1. To determine resistivity of two / three wires by plotting a graph for potential difference versus current.
2. To find resistance of a given wire / standard resistor using metre bridge.
3. To verify the laws of combination (series) of resistances using a metre bridge.

OR

To verify the laws of combination (parallel) of resistances using a metre bridge.

4. To determine resistance of a galvanometer by half-deflection method and to find its figure of merit.

SECTION-B

5. To find the value of v for different values of u in case of a concave mirror and to find the focal length.

6. To find the refractive index of a liquid using convex lens and plane mirror.

7. To find the refractive index of a liquid using a concave mirror and a plane mirror.

8. To draw the I-V characteristic curve for a p-n junction diode in forward and reverse bias.