

## SSC PRACTICAL PHYSICS

### Class 9th

| Practical No | Experiment  |                                      | Chapter |                                    |
|--------------|---|--------------------------------------|---------|------------------------------------|
|              | <b>Section A</b>  |                                      |         |                                    |
| 1            | Graph between Volume and Height of water column in graduated cylinder | PRACTICALS FOR 9 <sup>TH</sup> CLASS | 2       | CHAPTERS FOR 9 <sup>TH</sup> CLASS |
| 2            | Measurement by Vernier Calliper                                       |                                      | 2       |                                    |
| 3            | Principal of moments/momentum   |                                      | 3/7     |                                    |
| 4            | Resultant of two vectors  |                                      | 5       |                                    |
| 5            | Acceleration down a plane by angle iron                               |                                      | 3       |                                    |
| 6            | Centre of gravity by thin lamina                                      |                                      | 5       |                                    |
| 7            | Co efficient of sliding friction using a horizontal plane             |                                      | 4       |                                    |
| 8            | Load and extension of a Helical spring                                |                                      | 2       |                                    |
| 9            | Diameter of small sphere by screw gauge                               |                                      | 2       |                                    |
| 10           | Diameter of wire by screw gauge                                       |                                      |         |                                    |
| 11           | Density of body heavier than water by Archimede's principal           |                                      | 8       |                                    |
| 12           | Mechanical Advantage of inclined Plane                                |                                      | 7       |                                    |
| 13           | Mechanical Advantage simple fixed pulley                              |                                      | 7       |                                    |
|              | <b>Section B</b>  |                                      |         |                                    |
| 14           | Effect of length of simple pendulum on the time period                |                                      | 12      |                                    |
| 15           | Effect of length of wire on its resistance                            |                                      | 10      |                                    |
| 17           | Resistance in series and parallel circuits                            |                                      | 10      |                                    |