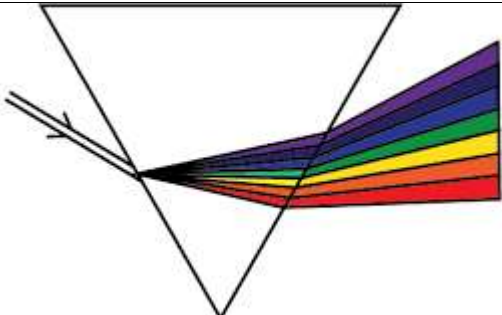


## SSLC Exam March 2024

### Physics Answer Key

#### Preliminary

1	Solar/ Wind/ Hydropower
2	Myopea
3	Nuclear fission.
4	0.5 meters.
5	4 volts
6	(i) Fleming's left-hand rule (ii) swapping the connections of the positive and negative terminals of the DC source. Reverse the orientation of the U-shaped magnet or change the direction of the magnetic field surrounding the conductor
7	Maxwell's Right-Hand Thumb Rule 1) By increasing the number of turns of wire in the coil. 2) By increasing the current flowing the coil.
8	(i) Sound Energy Diaphragm Vibrates The Coil vibrates in the magnetic field Electric signals (ii) A moving coil microphone works on the principle of electromagnetic induction
9	
10	Tungsten is used in bulbs due to its <b>high melting point and resistivity.</b>