Physics *Session: 2020-2021*

Month	Unit	Topic	Sub-Topic
April	8	Force and Pressure	Force-Introduction Effects of Force on Rigid and Non Rigid Bodies Contact and Non Contact Forces Friction. Factors affecting Friction Friction-a necessary evil Increasing and Decreasing Friction Fluid Friction
May	8	Force and Pressure	Pressure Pressure exerted by liquids and gases Atmospheric Pressure
Pre - Mid Term			
June	9	Sound	How sound is produced How sound travels Sound needs a medium to travel Characteristics of Sound
July	9	Sound	Musical Instruments Speed of Sound How we hear How we speak Noise and music Audible and inaudible sound Reflection of Sound Echoes Numerical on Echoes Application of Echoes
August	10	Electricity and Lightning	Introduction Electric Charge Charging an object by friction Triboelectric Series Charging by Induction
Half Yearly			
September	10	Electricity and Lightning	Detecting and Measuring Charge Gold Leaf Electroscope
October	10	Electricity and Lightning	Uses of Electroscope Sparks and Lightning Lightning Conductor
Post Mid Term Examination			
November	12	Light and Vision	Reflection Regular and Diffused Laws of Reflection Images by Plane Mirror Multiple Reflection Refraction Dispersion of Light

November			Spectrum Human Eye How the Eye Works
December	13	Light and Vision Our Universe	Problems of Vision Braille System Stars Galaxies and Constellations Solar System-Planets Asteroids Comets Meteors and Meteorites
January	**Revision**		
February	**Annual Examination**		

Syllabus For Annual Examination

1. Electricity & Lightning
2. Light and Vision
3. Our Universe
4. Sound