

Maharshi Patanjali Vidya Mandir, Prayagraj
Syllabus : 2019 - 20
Subject : Physics
Class - XII

Month	Topics to be covered
April	Electrostatics (Introduction to force and field)
May	Electrostatics contd. Concept of Potential and Capacitors
July	Current Electricity, Semiconductor devices
August	Magnetic effect of current.
September	EMI, AC, Electromagnetic Waves,
October	Ray Optics and wave optics
November	Waves optics (Continued), Dual nature of matter
December	Atoms and Nuclei

Unit Test - I	Electrostatics, Concept of drift velocity, and ohm's law through drift velocity.
Half Yearly	Electrostatics, Current electricity, Magnetic effect of current and Semiconductor devices, Electromagnetic Induction.
Pre – Board	Entire CBSE curriculum of Physics (2019-20)

Physics Practical -

Till – Half Yearly

Section – A

1. Sonometer
2. Metre Bridge (I & II)
3. Potentiometer (I & II)

Section – B

1. Glass Prism
2. Concave Mirror
3. Convex Lens
4. Refractive Index of Unknown Liquid (I & II)

Till Pre Board

1. Half Deflection
2. Ohm's Law

1. Combination of Convex Mirror with Convex Lens
2. Combination of Concave Lens and Convex Lens
3. Forward Bias Characteristics