

**Syllabus : Class XII : Physics: Pre-Board/ Board Final Exam : 2022-23 : Marks 70**  
**Course Structure**

UNIT	TOPICS	MARKS
<b>Unit-I</b>	<b>Electrostatics</b>	<b>16</b>
	Chapter-1: Electric Charges and Fields	
	Chapter-2: Electrostatic Potential and Capacitance	
<b>Unit-II</b>	<b>Current Electricity</b>	
	Chapter-3: Current Electricity	
<b>Unit-III</b>	<b>Magnetic Effects of Current and Magnetism</b>	<b>17</b>
	Chapter-4: Moving Charges and Magnetism	
	Chapter-5: Magnetism and Matter	
<b>Unit-IV</b>	<b>Electromagnetic Induction and Alternating Currents</b>	
	Chapter-6: Electromagnetic Induction	
	Chapter-7: Alternating Current	
<b>Unit-V</b>	<b>Electromagnetic Waves</b>	<b>18</b>
	Chapter-8: Electromagnetic Waves	
<b>Unit-VI</b>	<b>Optics</b>	
	Chapter-9: Ray Optics and Optical Instruments	
	Chapter-10: Wave Optics	
<b>Unit-VII</b>	<b>Dual Nature of Radiation and Matter</b>	<b>12</b>
	Chapter-11: Dual Nature of Radiation and Matter	
<b>Unit-VIII</b>	<b>Atoms and Nuclei</b>	
	Chapter-12: Atoms	
	Chapter-13: Nuclei	
<b>Unit-IX</b>	<b>Electronic Devices</b>	<b>7</b>
	Chapter-14: Semiconductor Electronics: Materials, Devices and Simple Circuits	
<b>Total Marks</b>		<b>70</b>