

**PHYSICS (Code No. 042)  
 COURSE STRUCTURE  
 Class XII – 2021-22 (Theory)**

**CLASS XII (2021-22)  
 (THEORY)**

**Time: 3 hrs.**

**Max Marks: 70**

		No. of Periods	Marks
Unit-I	Electrostatics	24	16
	Chapter-1: Electric Charges and Fields		
	Chapter-2: Electrostatic Potential and Capacitance		
Unit-II	Current Electricity	18	17
	Chapter-3: Current Electricity		
Unit-III	Magnetic Effects of Current and Magnetism	22	
	Chapter-4: Moving Charges and Magnetism		
	Chapter-5: Magnetism and Matter		
Unit-IV	Electromagnetic Induction and Alternating Currents	20	
	Chapter-6: Electromagnetic Induction	04	
	Chapter-7: Alternating Current		
Unit-V	Electromagnetic Waves		
	Chapter-8: Electromagnetic Waves	27	18
Unit-VI	Optics		
	Chapter-9: Ray Optics and Optical Instruments		
	Chapter-10: Wave Optics	08	12
Unit-VII	Dual Nature of Radiation and Matter		
	Chapter-11: Dual Nature of Radiation and Matter		
Unit-VIII	Atoms and Nuclei	15	7
	Chapter-12: Atoms		
	Chapter-13: Nuclei		
Unit-IX	Electronic Devices	12	70
	Chapter-14: Semiconductor Electronics: Materials, Devices and Simple Circuits		
Total		150	

# Physical Science Grade 11 12 Syllabus

**Léo Pomar**



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