

CLASS XII (2018-19)
(THEORY)

Time: 3 hrs.

Max Marks: 70

		No. of Periods	Marks	
Unit-I	Electrostatics	22	15	
	Chapter-1: Electric Charges and Fields			
	Chapter-2: Electrostatic Potential and Capacitance			
Unit-II	Current Electricity	20	16	
	Chapter-3: Current Electricity			
Unit-III	Magnetic Effects of Current and Magnetism	22		16
	Chapter-4: Moving Charges and Magnetism			
	Chapter-5: Magnetism and Matter			
Unit-IV	Electromagnetic Induction and Alternating Currents	20	17	
	Chapter-6: Electromagnetic Induction			
	Chapter-7: Alternating Current			
Unit-V	Electromagnetic Waves	04		10
	Chapter-8: Electromagnetic Waves			
Unit-VI	Optics	25	12	
	Chapter-9: Ray Optics and Optical Instruments			
	Chapter-10: Wave Optics			
Unit-VII	Dual Nature of Radiation and Matter	08		10
	Chapter-11: Dual Nature of Radiation and Matter			
Unit-VIII	Atoms and Nuclei	14	12	
	Chapter-12: Atoms			
	Chapter-13: Nuclei			
Unit-IX	Electronic Devices	15		10
	Chapter-14: Semiconductor Electronics: Materials, Devices and Simple Circuits			
Unit-X	Communication Systems	10	10	
	Chapter-15: Communication Systems			
Total		160		

Question Wise Break Up

Type of Question	Mark per Question	Total No. of Questions	Total Marks
VSA	1	5	05
SA-I	2	7	14
SA-II	3	12	36
LA	5	3	15
Total		27	70

1. Internal Choice :There is no overall choice. However, internal choices have been provided in two questions of one mark, two questions of two marks, four questions of three marks and three questions of five marks weightage . You have to attempt only one of the choices in such questions.

2.The above template is only a sample .Suitable internal variations may be made for generating similar templates keeping the overall weightage to different form of questions and typology of questions same