

SYALLABUS FOR CLASS XII PHYSICS SESSION 2024-2025

1st Quarterly Examination

Date of Exam. 29.06.2024 to 05.07.2024

UNIT	Name of the chapter	Marks
1	Ch. 1 Electric Charge and Fields. Ch.2 Electric potential and Capacitance. Ch.3 Current Electricity. Ch. 4 Moving charges and magnetism.	35

Half Yearly Exam

Date of Exam. 09.09.2024to 25.09.2024

UNIT	Name of the chapter	Marks
1	Ch. 1 Electric Charge and Fields. Ch.2 Electric potential and Capacitance.	70
2	Ch. 3 Current Electricity	
3	Ch. 4 Moving charges and magnetism. Ch.5 Magnetism and Matter.	
4	Ch. 6 Electromagnetic Induction Ch.7 Alternating Current	
5	Ch.8 Electromagnetic Waves	
6	Ch.9 Ray optics and Optical instruments	

Date of Exam. 04.12.2024 to 13.12.2025

Trial Exam and prefinal exam

Date of Exam. 04.01.2024 to 13.01.2025

UNIT	Name of the chapter	Marks
1	Ch. 1 Electric Charge and Fields. Ch.2 Electric potential and Capacitance.	16
2	Ch. 3 Current Electricity	
3	Ch. 4 Moving charges and magnetism. Ch.5 Magnetism and Matter.	17
4	Ch. 6 Electromagnetic Induction Ch.7 Alternating Current	
5	Ch.8 Electromagnetic Waves	
6	Ch.9 Ray optics and Optical instruments Ch.10 Wave Optics	18
7	Ch. 11. Dual Nature of Radiation and Matter	12
8	Ch.12 Atoms Ch. 13 Nuclei	
9	Ch.14 Semiconductor Electronics: Materials , devices and simple Circuits	7