
Booklist for Physics Optional

Paper 1

Subject	Book Title	Author(s)
Mechanics	Mechanics	D.S. Mathur
Mechanics	Mechanics & Properties of Matter	A.B. Gupta
Mechanics	Classical Mechanics	J.C. Upadhyay
Waves and Optics	Optics	Brijlal and Subramanian
Waves and Optics	Optics	Satya Prakash
Electrodynamics	Electricity and Magnetism	Satya Prakash
Electrodynamics	Electromagnetic Theory and Electrodynamics	Satya Prakash
Thermal & Statistical Physics	Thermal Physics	Garg, Bansal and Ghosh

Paper 2

Subject	Book Title	Author(s)
Quantum Mechanics	Quantum Mechanics	M.C. Jain
Quantum Mechanics	Advanced Quantum Mechanics	Satya Prakash
Atomic & Molecular Physics	Atomic and Molecular Spectra	Rajkumar
Atomic & Molecular Physics	Molecular Spectroscopy	M. Banwell
Nuclear & Particle Physics	Nuclear and Particle Physics	D.C. Tayal
Nuclear & Particle Physics	Introduction to Nuclear and Particle Physics	Mittal, Verma, and Gupta
Solid State Physics, Electronics & Devices	Solid State Physics	Puri and Babbar
Solid State Physics, Electronics & Devices	Solid State Physics	S O Pillai

Important Note:

1. These books, according to the best of research and practical experience, are highly effective for UPSC Physics Optional preparation. They cover approximately 80% to 90% of the syllabus.
2. Although this list is reliable, occasional references to additional sources may still be necessary for comprehensive preparation. Physics demands thoroughness, and therefore supplementary reading might become needed.