

UPSC Physics Optional

Books for Physics Optional for UPSC IAS Mains

While referring to these Physics books for civil service examination, aspirants should keep in mind the UPSC Physics Syllabus which can help them to be on track throughout the preparation.

Physics Optional Booklist for Paper-I for Civil Service Examination

A Dictionary of Physics – Goldstein
A Textbook of Sound – Khanna & Bedi
Advanced Level Physics – Nelkon & Parker
Classical Mechanism -Gupta, Kumar & Sharma – Takewale & Puranik -H.Goldstein
Electricity & Magnetism: D.C. TAYal, B.S. Agarwal, Griffith
Introduction of Electrodynamics – David Griffiths
EM Theory -Chopra&Agarwal/Satya Prakash
Physics Vol I&II by David Halliday and Resnick
Optics – Brijlal & Subramanyam, B.S. Agarwal, Ajoy & Ghatak
Properties of Matter – B. Aggarwal
Solid State Physics -Kittel
Special Relativity-R.Resnick -Gupta & Goyal

Physics Optional Booklist for Paper-II for Civil Service Examination

Atomic & Molecular Spectra -Rajkumar
Atomic Physics – J. B. Rajan
Concept of Modern Physics – Arthur Beiser
Electronics – Millman & Halkias, S. Ramnam, Ryder or Bolstead, Malvina
Electronics -Allen Mottershead

Fundamental of Magnetism electricity – B.N. Basudeva
Mechanics – D.S. Mathur, B.S. Agarwal
Mechanics – Kleppner & Kolenkow -D.S. Mathur
Modern Physics – A Beiser (Concepts of modern physics), S.L. Gupta, B.S. Agarwal, J.B. Rajan
Nuclear Physics – D.C. Tayal
Nuclear Physics -S.B PatelOptics-Ajoy Ghatak-B.S. Agarwal
Quantum Mechanics – A Ghatak
Quantum Mechanics -Ghatak & Lokanathan
Quantum Physics- Resnick & Eisberg
Statistical Physics -B.B laud
Thermal Physics – P.K Chakraborty – Satya Prakash, Singhal & Agarwal
Thermal Physics – Singal, Agarwal & Prakash, B.S. Agarwal, Shah & Srivastava
University Physics – Zemansky
Wave/Spl.Relatively – D.S. Mathur/Kleppner Kolenkow
Waves and Oscillations – Brijlal & Subramanyam, B.S. Agarwal