

Comprehensive Physics for JEE Advanced, 2014

By MHE

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Comprehensive Physics for JEE Advanced 2014 is based on the syllabus. It comprehensively covers the topics for this examination. TABLE OF CONSENTS: 1. Units and Dimensions 2. Motion in One Dimension 3. Vectors 4. Motion in Two Dimensions 5. Laws of Motion and Friction 6. Work, Energy and Power 7. Conservation of Linear Momentum and Collisions 8. Rigid Body Rotation 9. Gravitation 10. Elasticity 11. Hydrostatics (Fluid Pressure and Buoyancy) 12. Hydrodynamics (Bernoulli?s Theorem and Viscosity) 13. Simple Harmonic Motion 14. Waves and Doppler?s Effect 15. Thermal Expansion 16. Measurement of Heat 17. Thermodynamics (Isothermal and Adiabatic Processes) 18. Kinetic Theory of Gases 19. Transmission of Heat 20. Electrostatic Field and Potential 21. Capacitance and Capacitors 22. Electric Current and D.C. Circuits 23. Heating Effect of Current 24. Magnetic Effect of Current and Magnetism 25. Electromagnetic Induction and A.C. Circuits 26. Ray Optics and Optical Instruments 27. Wave Optics 28. Atomic Physics 29. Nuclear Physics Printed Pages: 1092.





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