

Table of Contents

Test-Taking Strategies For GRE Physics	7
Common Physics Formulas & Conversions	11
Diagnostic Tests	23
Diagnostic Test #1.....	23
Diagnostic Test #2.....	37
Diagnostic Test #3.....	51
Diagnostic Test #4.....	65
Diagnostic Test #5.....	81
Diagnostic Test #6.....	95
Topical Practice Questions	109
Kinematics and Dynamics.....	111
Force, Motion, Gravitation.....	119
Equilibrium and Momentum.....	127
Rotational Motion.....	135
Work and Energy.....	143
Waves and Periodic Motion.....	151
Sound.....	159
Fluids and Solids.....	167
Electrostatics & Electromagnetism.....	175
Electric Circuits.....	183
Light and Optics.....	191
Heat and Thermodynamics.....	199
Quantum Mechanics.....	207
Atomic and Nuclear Structure.....	213
Special Relativity.....	221

Table of Contents (continued)

Diagnostic Tests Answer Keys & Detailed Explanations.....	229
Answer Keys.....	231
Diagnostic Test #1.....	243
Diagnostic Test #2.....	267
Diagnostic Test #3.....	295
Diagnostic Test #4.....	323
Diagnostic Test #5.....	349
Diagnostic Test #6.....	369
Topical Practice Questions Detailed Explanations.....	391
Kinematics and Dynamics.....	393
Force, Motion, Gravitation.....	405
Equilibrium and Momentum.....	417
Rotational Motion.....	433
Work and Energy.....	453
Waves and Periodic Motion.....	467
Sound.....	477
Fluids and Solids.....	489
Electrostatics & Electromagnetism.....	503
Electric Circuits.....	515
Light and Optics.....	527
Heat and Thermodynamics.....	539
Quantum Mechanics.....	555
Atomic and Nuclear Structure.....	567
Special Relativity.....	575