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	Nota di contenuto	Introduction; Chapter 1: Electricity and Matter; Elements, Atoms, Molecules, and Compounds; Electron Theory; Electric Current; Insulators and Conductors; Questions; Chapter 2: Units and Definitions; Fundamental and Derived Units; Definitions; Magnetic Units; Temperature Units; Questions; Chapter 3: Electrical Symbols; Graphic Electrical Wiring Symbols; 0.1 Drafting Practices Applicable to Graphic Electrical Wiring Symbols; 0.2 Explanation Supplementing the Schedule of Symbols; List of Symbols; 1.0 Lighting Outlets; 2.0 Receptacle Outlets; 3.0 Switch Outlets
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Symbol; Switch; Transformer; Chapter 4: Magnets and Magnetic Fields; Magnetic Poles; Magnetic and Nonmagnetic Substances; The Earth as Magnet; Magnetic Lines of Force; Molecular Theory of Magnetism; Strength of a Magnet; Lifting Power of a Magnet; Questions; Chapter 5: Ohm's Law; Statement of Ohm's Law; Analogy of Ohm's Law; Illustrations of Ohm's Law; Ohm's Law and Power; The Ohm's Law Circle; Formulas; Ohm's Law; Power in Watts; Questions; Chapter 6: Capacitors; Capacitance; Capacitance in Series and Parallel Capacitance in Other Than Regular CapacitorsFormulas; Questions; Chapter 7: Resistance; Skin Effect; Conductivity; Voltage-Drop Calculation; Measuring Conductors; Questions; Chapter 8: Resistance in Series and Parallel; Resistances in Series; Resistances in Parallel; Series-Parallel Circuits; Questions; Chapter 9: Electrolysis; Terminology; Chemistry of Electrolysis; Electroplating; Corrosion; Questions; Chapter 10: Primary and Secondary Cells; The Voltaic Cell; Primary Cells; Secondary Cells; Questions; Chapter 11: Electromagnetism; Galvanoscope; Solenoids; Questions
Chapter 12: Laws Governing Magnetic CircuitsStrength of a Magnetic Pole; Intensity of Magnetizing Force; Magnetic Reluctance; Formulas; Questions; Chapter 13: Work, Power, Energy, Torque, and Efficiency; Torque; Prony Brake; Formulas; Questions; Chapter 14: Instruments and Measurements; Voltmeters and Ammeters; Edison Pendulum Ammeter; Battery Gauge; Indicating Wattmeter; Ohmmeters; Thermostats; Thermocouples; Questions; Chapter 15: Insulation Testing; Test Voltages vs. Equipment Ratings; Cables and Conductors; Conductors in Parallel; Effect of Temperature on Insulation Resistance*; Questions
Chapter 16: Electromagnetic Induction

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