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Scientific Methods, Natural Sciences , Physics , Two Principal Types of Approaches In Physics, Scope of Physics, Classical Physics and Macroscopic Domain , Mechanics, Electrodynamics, Optics, Thermodynamics, Factors Responsible For Progress of Physics , Hypothesis, Axiom and Models, Technological Applications of Physics , Fundamental Forces In Nature , Gravitational Force, Electromagnetic Force, Strong Nuclear Force, Weak Nuclear Force, Comparison Between Fundamental ForcesClass 11 Physics Notes Chapter 2. Units and MeasurementsPhysical Quantity, Representation of Physical Quantity, Characteristics of a Unit, Fundamental Quantities, Derived Quantities, Systems of Units, SI System of Units, Fundamentals Units, Supplementary Units, Measurement of Length, Astronomical Unit (Au), Light Year, Parsec, Indirect Method To Measurement of Large Or Small Distances, Parallax Method, Measurement of Molecule Size: Size of Oleic Acid Molecule, Coherent System of Units, Advantages of SI System, Order of Magnitude, Dimensions and Dimensional Formulae, Dimensional Formula of Some Physical Quantities, Four Types of Quantities, Dimensional Equations, Applications of Dimensional Equations, Conversion of One System of Unit Into Another System, Checking The Accuracy of Various Formulae, Derivation of Formulae, Limitations of Dimensional Analysis, Significant Figures, Rules For Finding Significant Figures, Significant Figures In Algebraic Operations, Addition Or Subtraction, Multiplication Or Division, Rules of Rounding off Significant Figures, Error, Absolute Error, Mean Absolute Error, Relative Error, Percentage Error, Propagation of Error, Error In Addition Or Subtraction, Error In Multiplication Or Division, Error In Measured Quantity Raised To PowerClass 11 Physics Notes Chapter 3. 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