

SYLLABUS for Prince Olympiad Examination (2023)

	PHYSICS (30)	CHEMISTRY (30)	MATHEMATICS (30)	MENTAL ABILITY (10)	
CLASS - XII SCIENCE	ELECTRIC CHARGES AND FIELDS, ELECTROSTATIC POTENTIAL AND CAPACITANCE, CURRENT ELECTRICITY, MOVING CHARGES AND MAGNETISM, MAGNETISM AND MATTER, ELECTROMAGNETIC INDUCTION	SOLUTIONS, D-F BLOCK ELEMENT, ALCOHOLS, COORDINATION CHEMISTRY, CHEMICAL KINETICS, ELECTROCHEMISTRY, HALOALKANES AND HALOARENES	RELATION & FUNCTION, INVERSE TRIGONOMETRIC FUNCTION, MATRIX AND DETERMINANTS, DIFFERENTIAL CALCULAS, INTEGRATION	CODING - DECODING, BLOOD RELATIONSHIP TEST, DIRECTION & DISTANCE, RANKING & ORDERING TEST, CUBE & DICE, CLOCK & CALENDAR, COUNTING FIGURE, SYLLOGISM, ANALOGY, CLASSIFICATION, SERIES, VENN- DIAGRAM, ARITHMETIC REASONING, SEATING ARRANGEMENT, NON- VERBAL REASONING	TOTAL 100
	PHYSICS (30)	CHEMISTRY (30)	MATHEMATICS (30)	MENTAL ABILITY (10)	
CLASS - XI SCIENCE	PHYSICAL WORLD, UNITS AND MEASUREMENTS, MOTION IN A STRAIGHT LINE, MOTION IN A PLANE, LAWS OF MOTION, WORK, ENERGY AND POWER, SYSTEM OF PARTICLES & ROTATIONAL MOTION	SOME BASIC CONCEPTS OF CHEMISTRY, STRUCTURE OF ATOM, CLASSIFICATION OF ELEMENTS AND PERIODICITY IN PROPERTIES, CHEMICAL BONDING AND MOLECULAR STRUCTURE, THERMODYNAMICS, EQUILIBRIUM	SETS, RELATION & FUNCTION, TRIGONOMATRIC FUNCTION, COMPLEX NUMBERS, LINEAR INEQUALITIES, PERMUTATIONS & COMBINATIONS, BINOMIAL SEQUENCE AND SERIES	CODING - DECODING, BLOOD RELATIONSHIP TEST, DIRECTION & DISTANCE, RANKING & ORDERING TEST, CUBE & DICE, CLOCK & CALENDAR, COUNTING FIGURE, SYLLOGISM, ANALOGY, CLASSIFICATION, SERIES, VENN- DIAGRAM, ARITHMETIC REASONING, SEATING ARRANGEMENT, NON- VERBAL REASONING	TOTAL 100