

SYLLABUS for Prince Olympiad Examination (2023)

	PHYSICS (30)	CHEMISTRY (30)	BIOLOGY (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	SEXUAL REPRODUCTION IN FLOWERING PLANT, HUMAN REPRODUCTION, REPRODUCTIVE HEALTH, GENETICS, MOLECULAR GENETICS, EVOLUTION, HUMAN HEALTH, MICROBES, BIODIVERSITY	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
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	THE LIVING WORLD, BIOLOGICAL CLASSIFICATION, ANIMAL KINGDOM, MORPHOLOGY OF FLOWERING PLANT, CELL, CELL CYCLE & CELL DIVISION, BREATHING & EXCHANGE OF GASES, CHEMICAL COORDINATION & INTEGRATION, EXCRETION, PHOTOSYNTHESIS, PLANT KINGDOM, PLANT GROWTH & HORMONES, BODY FLUID & CIRCULATION, BIOMOLECULES, STRUCTURAL ORGANISATION OF ANIMALS	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