

# I-SAT [SYLLABUS]



CLASS	For Class 7 Studying Students going to Class 8 in 2021	For Class 8 Studying Students going to Class 9 in 2021	For Class 9 Studying Students going to Class 10 in 2021	For Class 10 Studying Students going to Class 11 in 2021 (ENGG.)	For Class 10 Studying Students going to Class 11 in 2021 (MED.)	For Class 11 Studying Students going to Class 12 [ENGG.] in 2021	For Class 11 Studying Students going to Class 12 [MED.] in 2021
SUBJECT	CHAPTERS SUBJECT WISE						
<b>PHYSICS</b>	Heat, Motion & Time, Gravitation	Force and Pressure, Friction, Gravitation, Natural Phenomena	Motion Uniform, Non uniform (Accelerated), Forces and Laws of motion, Gravitation	Electricity and its heating and chemical effects, Magnetic effects of electric current, Light	Electricity and its heating and chemical effects, Magnetic effects of electric current, Light	Physical world and Measurement, Vectors, Kinematics, Laws of Motion, Circular Motion, Work, Energy and Power	Physical world and Measurement, Vectors, Kinematics, Laws of Motion
<b>CHEMISTRY</b>	Fibre to Fabric, Acids, Bases and Salts, Soil	Synthetic Fibres & Plastics, Metals and Non metals, Coal & Petroleum	Matter in Our Surrounding, Is matter around us pure, Atoms and Molecules, Structure of Atom	Chemical Reactions & Equations, Acid, Base and Salts, Periodic Classification, Metals and Non-Metals	Chemical Reactions & Equations, Acid, Base and Salts, Periodic Classification, Metals and Non-Metals	Some Basic Concept of Chemistry, Atomic Structure, Classification of Element and Periodic Properties, State of Matter	Some Basic Concept of Chemistry, Atomic Structure, Classification of Element and Periodic Properties, State of Matter
<b>MATHS</b>	Integers, Fractions & Decimals, Data handling, Simple Equations, Lines and Angles, Triangles & its properties	Rational Numbers, Square & Square roots, Cube & Cube roots, Linear Equation in One Variable, Exponents, Identities & Factorization, Comparing Quantities	Number System, Polynomials, Lines & Angles, Triangles, Co-ordinate Geometry	Real numbers, Polynomials, Triangles, Trigonometry, Pair of Linear equations in two variables		Basic Mathematics, Sets, Relations and Functions, Logarithms, Linear Inequalities, Sequence & Series, Trigonometric Ratios and Identities, Straight Line	
<b>BIOLOGY</b>	Nutrition in Plants, Nutrition in Animals, Weather, Climate and Adaptation of animals to Climate	Crop Production & Management, Microorganism, Cell-Structure of Cell & its Function	Improvement in Food Resources, Cell-The fundamental Unit of life, Tissues, Diseases: Why do we fall ill		Life Processes, Control & Co-ordination		Living World, Diversity of Animals, Animal Tissue, Morphologic & Anatomy of Plant, Cell Biology, Biomolecules
<b>MENTAL ABILITY</b>	Questions on general logic and Mental Ability	Questions on general logic and Mental Ability	Questions on general logic and Mental Ability	Questions on general logic and Mental Ability			