



Class IX SYLLABUS

FOR VIII STUDYING STUDENTS (Going to IX)				
SCIENCE			MATHEMATICS	MAT
PHYSICS	CHEMISTRY	BIOLOGY		
<ul style="list-style-type: none"> • Chemical Effect of Electric Current • Force and Pressure • Friction • Sound • Light • Some natural phenomena • Star and solar system 	<ul style="list-style-type: none"> • Synthetic Fibre and Plastic • Metal and Non-Metals • Coal and petroleum • Combustion and flame 	<ul style="list-style-type: none"> • Crop Production • Cell Structure and Function • Micro organism, friends or foe • Reproduction in animal • Reaching the age of adolescence • Conservation of plants and animals • Pollution of air and water 	<ul style="list-style-type: none"> • Rational Number • Linear equation in one variable • Understanding quadrilateral • Practical geometry • Data Handling • Square and Square roots • Cube and Cube roots • Comparing quantity • Algebraic expression and identities • Visualizing solid shape • Mensuration • Exponents and power • Direct and inverse proportion • Factorization • Introduction to graph • Playing with number 	<ul style="list-style-type: none"> • Blood Relation • Coding-Decoding • Counting of Figure • Cubes and Dice • Direction Sense • Embedded Figure • Insert the Missing Character • Mathematical Operation • Mirror Image • Non-Verbal Series • Number Ranking • Series • Venn-Diagram • Water Image

S.No.	Subject	No. Of Questions
1	MAT (Mental Ability Test)	5
2	Mathematics	10
3	Physics	10
4	Chemistry	10
5	Biology	10

Duration : 1 Hrs.**No. of Questions : 45****Total Marks : 180****Marking Scheme : +4, No negative marking**