



SYLLABUS FOR ENTRANCE EXAMINATION CLASS : IX

SUBJECT : MATHEMATICS

S.NO	TOPICS
1.	Rational Numbers.
2.	Linear Equations in One Variable
3.	Understanding Quadrilaterals.
4.	Squares and Square Roots
5.	Cubes and Cube Roots.
6.	Comparing Quantities.
7.	Algebraic Expressions and Identities.
8.	Areas & Volumes.
9.	Exponents and Powers.
10.	Direct and Inverse Proportions.
11.	Factorization.

SUBJECT : SCIENCE

S.NO	TOPICS
1.	Cell structure <ul style="list-style-type: none">• Function and parts of a cell
2.	Microbial World <ul style="list-style-type: none">• Types of microorganisms
3.	Plant and animal reproduction <ul style="list-style-type: none">• Asexual reproduction,• Reaching the age of adolescence• Puberty• Role of hormones, Reproductive health
4.	Electricity and chemical effects of current <ul style="list-style-type: none">• Current, Open and closed circuit

	<ul style="list-style-type: none"> • Electrolysis, Electroplating
5.	Force, Pressure and Sound <ul style="list-style-type: none"> • Concept
6.	Light <ul style="list-style-type: none"> • Reflection, Human Eye
7.	Metals and Non-Metals <ul style="list-style-type: none"> • Classification • Physical and Chemical properties
8.	Natural resources <ul style="list-style-type: none"> • Fossil Fuels: Coal and Petroleum
9.	General Concepts. Universe, Pollution, Natural Phenomenon

SUBJECT : HINDI

S.NO	TOPICS
1.	Unseen Comprehension
2.	Incorrect to correct
3.	Joining(Swar Sandhi)
4.	Synonyms Words
5.	Gender Changing

SUBJECT : ENGLISH

S.NO	TOPICS
1.	Unseen Comprehension Passage
2.	Grammar <ul style="list-style-type: none"> -- Direct and Indirect Speech -- Change of Voice -- Conjunctions
3.	Determiners <ul style="list-style-type: none"> -- Jumbled words -- Antonyms & synonyms