



SYLLABUS FOR ENTRANCE EXAMINATION CLASS : VIII

SUBJECT : MATHEMATICS

S.NO	TOPICS
1.	Integers.
2.	Fractions and Decimals.
3.	Simple Equations.
4.	Lines and Angles.
5.	The Triangle and its Properties, Congruence of Triangles.
6.	Comparing Quantities.
7.	Rational Numbers.
8.	Perimeter and Area.
9.	Algebraic Expressions.
10.	Exponents and Powers.

SUBJECT : SCIENCE

S.NO	TOPICS
1.	Food and Nutrition <ul style="list-style-type: none">• Autotrophic and heterotrophic mode of nutrition,• States of matter• Characteristics of physical and chemical changes
2.	Matter and chemical formula <ul style="list-style-type: none">• Structure of atom, fundamental elements,
3.	Acid, bases and salts and their properties
4.	Skeletal and Nervous systems <ul style="list-style-type: none">• General concepts
5.	Sound <ul style="list-style-type: none">• Wave, oscillations, audible range, supersonic and infrasonic

	<ul style="list-style-type: none"> • echo, applications of reverberations
6.	Force, friction, pressure <ul style="list-style-type: none"> • Effects of force, types of force, factors affecting friction, types of friction, • Advantages and disadvantages of friction, atmospheric pressure
7.	Combustion and flame <ul style="list-style-type: none"> • Conditions necessary for combustion, Types of combustion • Flame, Fuel, Fire extinguisher
8.	Time and motion <ul style="list-style-type: none"> • Measurements and motion, types of motion
9.	General Concepts: Natural Resources, Waste management, Forests and Conservation

SUBJECT : HINDI

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

SUBJECT : ENGLISH

	TOPICS
1.	Unseen Comprehension
2.	Grammar <ul style="list-style-type: none"> -- Direct and Indirect Speech -- Change of Voice
3.	<ul style="list-style-type: none"> -- Determiners -- Conjunctions -- Connectors -- Articles