



SYLLABUS FOR ENTRANCE EXAMINATION CLASS : VI

SUBJECT : MATHEMATICS

S.NO	TOPICS
1.	Number System, Rounding & Estimation.
2.	Addition and Subtraction of Numbers.
3.	Multiplication and Division of Numbers.
4.	LCM and HCF.
5.	Fractional Numbers.
6.	Decimals.
7.	Lines and Angles.
8.	Perimeter and Area.
9.	Measurement of Length, Mass and Capacity.
10.	Speed, Distance and Time.

SUBJECT : SCIENCE

S.NO	TOPICS
1.	Plant Life <ul style="list-style-type: none">• Dispersal• Growth of plants• Crops
2.	Health and Hygiene <ul style="list-style-type: none">• Food Groups: Carbohydrates, fats, proteins minerals and vitamins.• Balanced Diet, Diseases (Communicable and non-communicable)• Hygiene.
3.	Safety and First aid <ul style="list-style-type: none">• Road safety, safety from fire.• First Aid (for burns, fractures, animal bites and poisoning).

4.	<p>Solids, Liquids and Gases.</p> <ul style="list-style-type: none"> • Introduction(matter) • States of matter (arrangement of particles) • Change of state (Evaporation, melting condensation boiling, freezing)
5.	<p>Rocks, Soil and Minerals.</p> <ul style="list-style-type: none"> • Types of rocks (Igneous, sedimentary and Metamorphic.) • Minerals • Uses of Rocks and Minerals. • Soil (formation, composition and profile)
6.	<p>Animals</p> <ul style="list-style-type: none"> • Habitat (forest, desert, polar region, ocean and fresh water) • Body coverings (scales, shells, feathers, fur or wool) • Feeding habits (herbivores, carnivores and omnivores)
7.	<p>Skeletal system and Nervous System.</p> <ul style="list-style-type: none"> • Skeletal system (skull, ribcage, backbone and limbs) • Joints (Ball and Socket, Hinge, pivot and gliding) • Nervous system (Brain, spinal cord and nerves) • Sense organs.
8.	<p>Force, Work and Energy.</p> <ul style="list-style-type: none"> • Force: Effects of force, Types of forces, Advantages, Disadvantages • Work: Energy: Simple Machines: Wheel and Axle, Pulley, Inclined plane, Screw, wedge
9.	<p>Essential for life: Air and Water.</p> <ul style="list-style-type: none"> • Air: atmosphere, properties of air • Water: Introduction, impurities present in water. • Methods of removal of impurities from water: Filtration, Sedimentation and decantation, Evaporation, Distillation, Boiling, Chlorination.
10.	<p>Celestial Bodies</p> <ul style="list-style-type: none"> • Solar system: introduction, astronomy • Planets, Moon: Surface of moon, phases of moon • Eclipses: Solar and Lunar

11.	Natural Disasters <ul style="list-style-type: none"> • Volcanoes: Introduction, active and dormant volcanoes • Earthquakes: Measuring of earthquakes, effects of earthquakes. • Tidal Waves
12.	General Concepts: Environment Conservation, Space travel

SUBJECT : HINDI

S.NO	TOPICS
1.	Unseen Comprehension
2.	Gender Changing
3.	Punctuation
4.	Antonyms
5.	Synonyms
6.	Noun and its types
7.	Incorrect to correct words
8.	Translation (English to Hindi)
9.	Picture Writing
10.	Essay Writing
11.	Adjective and its types

SUBJECT : ENGLISH

	TOPICS
1.	Reading Skills: 1. Unseen Comprehension Passage
2.	Writing Skills: 1. Guided Story Writing 2. Paragraph Writing 3. Diary Writing 4. Picture Composition 5. Factual Description of People
3.	Language Skills/Grammar: 1. Parts of Speech – Adjectives: degrees of comparison, Prepositions, Pronouns, Adverbs 2. Punctuations 3. Articles 4. Jumbled words to form meaningful sentences