

MATHEMATICS SYLLABUS FOR ENTRANCE EXAMINATION

CLASS: VI

<u>EXISTING FOR NORMAL YEARS</u>	<u>MODIFIED FOR THE YEAR - 2022</u>
<ol style="list-style-type: none">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. Geometrical Shapes.9. Perimeter and Area.10. Measurement of Length, Mass and Capacity.11. Speed, Distance and Time.12. Money and Bills.13. Patterns and Symmetry.14. Data Handling	<ol style="list-style-type: none">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.

ENGLISH SYLLABUS FOR ENTRANCE EXAMINATION

CLASS: VI

<u>EXISTING FOR NORMAL YEARS</u>	<u>MODIFIED FOR THE YEAR - 2022</u>
<ol style="list-style-type: none">1. Composition2. Comprehension3. Parts of Speech – Adjectives: degrees of comparison, Prepositions, Articles, Pronouns4. Picture Composition5. Punctuations6. Jumbled words to form meaningful sentences	<ol style="list-style-type: none">1. Comprehension Passage2. Parts of Speech - Prepositions, Pronouns3. Adjective – degree of comparison4. Punctuations5. Jumbled words to form meaningful sentences.6. Forms of verbs.

SCIENCE SYLLABUS FOR ENTRANCE EXMINATION

CLASS: VI

EXISTING FOR NORMAL YEARS

Plants

- Dispersal
- Growth of plants

Health and Hygiene

- Food Groups: Carbohydrates, fats, proteins minerals and vitamins.
- Balanced Diet, Diseases(Communicable and non communicable)
- Hygiene.

Safety and First aid

- Road safety, safety from fire.
- First Aid(for burns, fractures, animal bites and poisoning.

Solids, Liquids and Gases.

- Introduction(matter)
- States of matter(arrangement of particles)
- Change of state(Evaporation, melting condensation boiling, freezing

Rocks, Soil and Minerals.

- Types of rocks(Igneous, sedimentary and Metamorphic.)
- Minerals
- Uses of Rocks and Minerals.
- Soil(formation, composition and profile)

Animals

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Rocks, Soil and Minerals.

- Types of rocks(Igneous, sedimentary and Metamorphic.)
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- Uses of Rocks and Minerals.
- Soil(formation, composition and profile)

Animals

- Habitat(forest, desert, polar region, ocean and fresh water)
- Body coverings(scales, shells, feathers, fur or wool)
- Feeding habits(herbivores , carnivores and omnivores)

Skeletal system and Nervous System.

- Skeletal system(skull, ribcage, backbone and limbs)
- Joints(Ball and Socket, Hinge, pivot and gliding)
- Nervous system(Brain , spinal cord and nerves)
- Sense organs.

Force, Work and Energy.

- Force: Effects of force, Types of forces, Advantages , Disadvantages
- Work: Energy: Simple Machines: Wheel and Axle, Pulley, Inclined plane, Screw, wedge

Essential for life: Air and Water.

- 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.

Celestial Bodies

- Solar system: introduction, astronomy
- Planets, Moon: Surface of moon, phases of moon
- Eclipses: Solar and Lunar

Natural Disasters

- Volcanoes: Introduction, active and dormant volcanoes
- Earthquakes: Measuring of earthquakes, effects of earthquakes.
- Tidal Waves

General Concepts: Environment Conservation, Space

- Habitat(forest, desert, polar region, ocean and fresh water)
- Body coverings(scales, shells, feathers, fur or wool)
- Feeding habits(herbivores , carnivores and omnivores)

Skeletal system and Nervous System.

- Skeletal system(skull, ribcage, backbone and limbs)
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Force, Work and Energy.

- Force: Effects of force, Types of forces, Advantages , Disadvantages
- Work: Energy: Simple Machines: Wheel and Axle, Pulley, Inclined plane, Screw, wedge

HINDI SYLLABUS FOR ENTRANCE EXAMINATION

travel

CLASS: VI

EXISTING FOR NORMAL YEARS

Sr. No.	Topics	Marks
1.	Essay writing	
2.	Picture writing	
3.	Unseen Comprehension	
4.	Synonyms writing	
5.	Gender Changing	
6.	Number Changing	
7.	Incorrect to correct words	
8.	Translation (English to Hindi)	

MODIFIED FOR THE YEAR - 2022

Sr. No.	Topics
1.	Unseen Comprehension
2.	Genders Changing
3.	Antonyms
4.	Synonyms
5.	Noun and its types
6.	Incorrect to correct words
7.	Punctuation
8.	Adjective and its types
9.	Translation (English to Hindi)