

## MATHEMATICS SYLLABUS FOR ENTRANCE EXAMINATION

**CLASS: VII**

<u><b>EXISTING FOR NORMAL YEARS</b></u>	<u><b>MODIFIED SPECIALLY FOR THE YEAR - 2020</b></u>
<ol style="list-style-type: none"> <li>1. Knowing our Numbers.</li> <li>2. Whole Numbers.</li> <li>3. Playing with Numbers.</li> <li>4. Basic Geometrical Ideas.</li> <li>5. Understanding Elementary Shapes.</li> <li>6. Integers.</li> <li>7. Fractions.</li> <li>8. Decimals.</li> <li>9. Data handling.</li> <li>10. Perimeter &amp; Areas.</li> <li>11. Algebra.</li> <li>12. Ratio and Proportion.</li> <li>13. Symmetry.</li> <li>14. Practical Geometry.</li> </ol>	<ol style="list-style-type: none"> <li>1. Knowing our Numbers.</li> <li>2. Whole Numbers.</li> <li>3. Playing with Numbers.</li> <li>4. Integers.</li> <li>5. Fractions.</li> <li>6. Decimals.</li> <li>7. Data handling.</li> <li>8. Perimeter &amp; Areas.</li> <li>9. Algebra.</li> <li>10. Ratio and Proportion.</li> </ol>

## ENGLISH SYLLABUS FOR ENTRANCE EXAMINATION

**CLASS: VII**

<b>Old Syllabus</b>	<b>Revised Syllabus</b>
<ol style="list-style-type: none"> <li>1. <b>Composition</b></li> <li>2. Comprehension Passage</li> <li>3. Grammar:               <ol style="list-style-type: none"> <li>a. Direct and Indirect Speech</li> <li>b. Change of Voice</li> <li>c. Tenses</li> <li>d. Prepositions</li> <li>e. <b>Adjectives (Degrees of Comparison)</b></li> <li>f. Conjunctions</li> <li>g. <b>Articles</b></li> <li>h. Determiners</li> </ol> </li> <li>I. <b>Jumbled words</b></li> <li>j. <b>Question Tags</b></li> <li>k. Antonyms &amp; synonyms</li> <li>4. Picture Composition</li> </ol>	<ol style="list-style-type: none"> <li>1. Comprehension Passage</li> <li>2. Grammar:               <ol style="list-style-type: none"> <li>a. Direct and Indirect Speech</li> <li>b. Change of Voice</li> <li>c. Tenses</li> <li>d. Prepositions</li> <li>e. Conjunctions</li> <li>f. Determiners</li> <li>g. Antonyms &amp; synonyms</li> </ol> </li> <li>3. Picture Composition</li> </ol>

## HINDI SYLLABUS FOR ENTRANCE EXAMINATION

CLASS: VII

<u>EXISTING FOR NORMAL YEARS</u>			<u>MODIFIED SPECIALLY FOR THE YEAR - 2020</u>		
Sr. No.	Topics	Marks	Sr. No.	Topics	Marks
1.	Essay writing	20	1.	Essay writing	20
2.	Picture writing	20	2.	Picture writing	20
3.	Unseen Comprehension	10	3.	Unseen Comprehension	20
4.	Completing and writing meaning of idioms	10	4.	Completing and writing meaning of idioms	10
5.	Gender Changing	10	5.	Incorrect to correct words	20
6.	Number Changing	10	6.	Translation (English to Hindi)	10
7.	Incorrect to correct words	10			
8.	Translation (English to Hindi)	10			

## SCIENCE SYLLABUS FOR ENTRANCE EXAMINATION

CLASS: VII

<u>Existing Science Syllabus for class VII- Entrance Test</u>	<u>Revised Science Syllabus for class VII- Entrance Test 2020</u>
<b>Health and Hygiene</b> <ul style="list-style-type: none"><li>• Food and Nutrition</li><li>• Food Groups: Carbohydrates, fats, proteins minerals and vitamins.</li><li>• Balanced Diet, Deficiency Diseases</li><li>• Hygiene.</li></ul> <b>Fibre and Fabric</b> <ul style="list-style-type: none"><li>• Types of fibre</li><li>• Sources and properties of Fibres</li></ul>	<b>Fibre and Fabric</b> <ul style="list-style-type: none"><li>• Types of fibre</li><li>• Sources and properties of Fibres</li><li>• Types of Fabrics.</li></ul> <b>Sorting of Materials and Separation of components of Mixture</b> <ul style="list-style-type: none"><li>• Matter, Classification of matter</li><li>• Methods of separation of different components of mixtures</li></ul>

- Types of Fabrics.

**Sorting of Materials and Separation of components of Mixture**

- Matter, Classification of matter
- Methods of separation of different components of mixtures

**Living World: Plant and Animals**

- Classification, characteristics of living things.
- Classification of plants and animals
- Habitat, Adaptation

**Light, Electricity and Magnetism**

- Classification of sources of light, Shadow and Reflection
- Electricity( conductors and insulators) working of electrical circuits.
- Magnet and its effects, Uses and Properties of a magnet

**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.

**General Concepts. Waste management, Conservation**

**Living World: Plant and Animals**

- Classification, characteristics of living things.
- Habitat, Adaptation

**Light, Electricity and Magnetism**

- Classification of sources of light, Shadow and Reflection
- Electricity ( conductors and insulators) working of electrical circuits.
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**General Concepts. Waste management, Conservation**