

# Entrance Test Syllabus – 2020

## Class – I

### Maths :

Number names 1 to 100, what comes before, what comes after, what comes between, Simple Addition, Subtraction and Skip Counting.

### English :

Opposites, Singular/Plural, Jumbled Words, Sentence Making, Use of a/an, this/that/these/those, in/on/under and Genders.

### Hindi :

वर्णमाला, स्वर, मात्राओं का ज्ञान, व्यंजन, खाली जगह भरना। सब्जियों, फूलों, पक्षियों, फलों एवं जानवरों के नाम।

# Entrance Test Syllabus – 2020

## Class – II

### Maths :

Simple Problem based Sums on Addition, Subtraction and Multiplication, Number names 1 to 500, Greater and Smaller number, Drawing of Circle, Square and Rectangle.

### English :

Nouns, Verbs and Adjectives. Singular/Plural, Genders, Use of this/that/these/those, there, is/are/am, Sentence Making, Jumbled Words, 10 lines on general topic.

### Hindi :

हिन्दी वर्णमाला में कुल कितने स्वर होते हैं ? स्वर, व्यंजन, संज्ञा किसे कहते हैं ? सर्वनाम किसे कहते हैं ? या सर्वनाम की परिभाषा लिखिए। निबन्ध, वाक्य बनाओ। संज्ञा, क्रिया, विशेषण, वचन, सर्वनाम, लिंग, विलोम।

# Entrance Test Syllabus – 2020

## Class – III

### Maths :

Successor, Predecessor, Fractional Number (Numerator, Denominator), Multiplication, division, Place Value, Geometrical shapes, Problem sums on Addition, Subtraction of measures of time and capacity.

### English :

Nouns, Verbs and Adjectives. Singular/Plural, Genders, Articles-a, an, Opposites, Use of is/are/am, was/were, has/have, Sentence Making, Paragraph writing, Dictation, Comprehension.

### Hindi :

वर्ण विचार - स्वर व्यंजन, परिभाषा - संज्ञा, सर्वनाम, क्रिया, विशेषण। पर्यायवाची शब्द, विलोम, लिंग और वचन, शुद्ध अशुद्ध वाक्य, सर्वनाम शब्द के वाक्य, विशेषण छाँटना और निबन्ध लेखन।

### G. K. :

Current Affairs & General Awareness.

# Entrance Test Syllabus – 2020

## Class – IV

### Maths :

Conversion of quantities, Roman numbers, Multiplication by two digit numbers, Division (Story sums), Fractional numbers (Addition and Subtraction).

### English :

Nouns, Pronouns, Verbs Adverbs and Adjectives. Singular/Plural, Genders, Articles, Opposites, Use of is/are/am, was/were, has/have, Sentence Making, Paragraph writing, Dictation, Comprehension.

### Hindi :

भाषा वर्ण विचार, शब्द, वाक्य विचार, संज्ञा, लिंग, और वचन, कारक, सर्वनाम, विशेषण, काल क्रिया, अव्यय या अविकारी अशुद्धि शोधन, विराम चिन्ह, मुहावरे और लोकोक्तियाँ, निबन्ध। पर्यायवाची, विलोम, वाक्यांशों के लिए एक शब्द, अनेकार्थी शब्द, पत्र लेखन।

### G. K. :

Current Affairs & General Awareness.

# Entrance Test Syllabus – 2020

## Class – V

### Maths :

H.C.F. and L.C.M. (Factorization), Fractional numbers addition and subtraction, Decimals, Measures of Length, Mass, capacity and Time, Perimeter of Triangle, rectangles and square, Type of triangle.

### English :

Nouns, Pronouns, Verbs, Adverbs and Adjectives. Singular/Plural, Genders, Articles, Opposites, Use of is/are/am, was/were, has/have, Sentence Making, Paragraph writing, Dictation, Comprehension, Homonyms, Homophones, Conjunction, Preposition, Tenses.

### Hindi :

विलोम, पर्यायवाची वाक्य बनाओ, संज्ञा, सर्वनाम, विशेषण, क्रिया परिभाषा, मुहावरे, समानार्थी शब्द, एक शब्द, निबन्ध लेखन।

### G. K. :

Current Affairs & General Awareness.



## Entrance Test Syllabus - 2020

### Class- VI

- Maths :** Simplify, Construction of angles using protractor and compass, To find out complementary and supplementary angles, Percentage, Profit and Loss, H.C.F and L.C.M (Division Method), Problem on area and volume.
- English :** Nouns, Pronouns, Verbs, Adverbs and Adjective. Singular Plural, Genders, Articles, Opposites, Use of is/are/am, was/were, has/have, Sentence making, Paragraph writing, Dictation, Comprehension, Homonyms, Homophones, Conjunction, Prepositions, Tenses, Synonyms, Antonyms, Kind of Sentence, Sentence making.
- Hindi :** व्याकरण, वर्ण विचार, शब्द विचार, लिंग और वचन, संज्ञा, सर्वनाम, क्रिया, विशेषण, काल, कारक, अव्यय उपसर्ग एवं प्रत्यय, पर्यायवाची, विलोम, मुहावरे, समानार्थी शब्द, निबन्ध लेखन पत्र।
- Science :** (1.) Reproduction in Plants, (2.) Soil Erosion and Conservation, (3.) Force and Energy, (4.) Natural Calamities (5.) Changes in our Environment (6.) Our Universe.
- G.K. :** Current Affairs & General Awareness.
- Social Science :**
- i) Government of India
  - ii) India's Freedom Struggle
  - iii) Globe and our earth
  - iv) Climate
  - v) Religious Festivals of India
  - vi) Democracy
  - vii) Rights and Duties

## Entrance Test Syllabus - 2020

### Class- VII

Maths :	Integers, Fraction, Decimal, Algebra, Ratio and Proportion, Mensuration, Construction of Angles (with the help of Ruler and Compass).
English :	Nouns, Pronouns, Verbs, Adverbs and Adjectives, Singular/ Plural, Genders, Articles, Opposites, Use of is/are/am, was/ were, has/have, Paragraph writing , Dictation, Comprehension, Homonyms, Homophones, Conjunction, Preposition, Tenses, Synonyms, Antonyms, Kind of Sentence, Sentence making, Subject Predicate, Affirmative, Negative, Letter writing.
Hindi :	भाषा एवं व्याकरण, वर्ण विचार, शब्द विचार, संज्ञा, लिंग तथा वचन, कारक, सर्वनाम, विशेषण, क्रिया काल, पर्यायवाची, विलोम शब्द, वाक्य शुद्धि, वाक्यांशों के लिए एक शब्द, मुहावरे एवं लोकोक्तियाँ, पत्र लेखन, सन्धि, शब्दार्थ।
Social Science :	1. Studying the Past 2. Early Humans 3. Age of Vedas 4. Democracy 5. District administration 6. Panchayati Raj System 7. Earth & Solar System 8. Motions of Earth 9. Globes & Maps.
Science :	1. Components of food 2. Getting to Know plants 3. Light, Shadow & Reflection 4. Separation of substances 5. Living Organisms and their habitat 6. Electricity and circuits 7. Water.
G.K. :	Current Affairs & General Awareness.



## Entrance Test Syllabus - 2020

### Class- VIII

Maths :	Addition, Subtraction, Multiplication, Division of Rational numbers, Problem on H.C.F. and L.C.M., Decimals, Parallel Lines and angles, Construction of angles using scale and compass, Integers, Fractions & Decimals, Rational numbers, Algebraic expression, Simple equations, Triangles and its properties, Perimeter and area.
English :	Nouns, Pronouns, Verbs, Adverbs and Adjectives. Singular/ Plural, Genders, Articles, Opposites, Use of is/are/am, was/ were, has/have, Sentence making, Paragraph writing, Comprehension, Homonyms, Homophones, Conjunction, Prepositions, Tenses, Synonyms, Antonyms, Kind of Sentence, Subject Predicate, Affirmative, Negative, Letter writing, Formal & Informal.
Hindi	भाषा एवं व्याकरण, वर्ण विचार, शब्द विचार, संज्ञा, लिंग तथा वचन, कारक, सर्वनाम, विशेषण, क्रिया, काल, पर्यायवाची, विलोम शब्द, वाक्य शुद्धि, वाक्यांशों के लिए एक शब्द, मुहावरे एवं लोकोत्तियाँ, पत्र लेखन, निबन्ध लेखन, अपठित, संवाद, प्रत्यय, उपसर्ग, सन्धि, शब्दार्थ।
Social Science :	1. The Medieval World 2. The Great Mughals 3. Democracy 4. Media & Democracy 5. Role of Gender 6. Our environment 7. Weather & Climate 8. Life in Deserts.
Science :	1. Nutrition in Plants and Animals 2. Acids, Bases and Salts 3. Transportation in Animals and Plants 4. Reproduction in Plants 5. Light 6. Electric Current and its effect 7. Water- A precious resource.
G.K. :	Current Affairs & General Awareness.



# Entrance Test Syllabus - 2020

## Class- IX

Maths :	Rational numbers, Linear equation in one variable, Squares & cubes, Algebraic expressions and identities, Exponents and powers, Mensuration, Factorisation, Construction, of quadrilaterals.
English :	Sentences & Clauses, Nouns, Articles, Pronouns, Adjectives, Verbs, Adverbs, Prepositions, Conjunctions, Comprehension Passage, Letter writing, Essay writing.
Hindi	पर्यायवाची, विलोम शब्द, अनेकार्थी, वाक्यांश के लिए एक शब्द, मुहावरे, श्रुतिसम भिन्नार्थक शब्द, कारक, समास, अलंकार, पत्र, व्यक्तिगत तथा आधिकारिक पत्र, निबन्ध— समसामयिक समस्याओं से युक्त।
Social Science :	1. The National Movement 2. The Great Uprising 3. The Constitution of India 4. Parliamentary System 5. Resources 6. Agriculture 7. Disaster & Management.
Science :	1. Materials: Metals and Non metals 2. Cell : Structure and function 3. Combustion and flame 4. Friction 5. Light 6. Pollution of Air and Water.
G.K. :	Current Affairs & General Awareness.

## **Entrance Test – 2020**

### **Class XI**

**Syllabus for entrance test will cover the class X syllabus. The subjects to be tested are as follows -**

**Science Stream** – English, Hindi, Science, Maths and G.K.

**Commerce Stream** - English, Hindi, Maths and G.K.

**Arts Stream** - English, Hindi, Social Science and G.K.