



# ENTRANCE TEST SYLLABUS (2023-24)

## Class-I

### GENERAL INSTRUCTIONS: -

1. The Entrance Test will be only based on both Written and Oral.
2. Identification, Observation, Vocabulary and Confidence will be the basis of assessment.
3. Following are the subjects with topics on the basis of which oral and written assessment will be done.

### English:-

- Recognition & written exercise of Cursive Alphabets (both Capital & Small)
  - Recognition and written exercise of three letter words using Vowels (a,e,i,o u).
  - Reading of three letter words using phonic sounds of letters. ➤ Use of A/An, This/That, ➤ Rhymes(any two)
- Recitation

### Numeracy:

- Counting
- Greater than, less than & Equal to (<, >, =) (1 to 50)
- Addition (by Figure or by Objects)
- Number names ➤ Numerals

### .General Awareness (Oral)

- Myself, My family, Body parts & Sense Organs.
- Name of Fruits, Vegetables, Colours, Animals, Flowers, Transport & Seasons. ➤ Days of a week, Months in a year ➤ Any two games (Indoor and Outdoor)

### Hindi :-

- स्वर- अ सेअः ➤ दो, तीन अक्षर के शब्द लिखना
- फलों के नाम



## ENTRANCE TEST SYLLABUS (2023-24)

### Class-II

#### GENERAL INSTRUCTIONS: -

1. The admission test is based on objective test followed by the interaction with Teacher/Vice Principal/Principal.
2. There is a time limit of 30 minutes for each subject and total time given to complete the entrance test is 1hour 30 minutes.. Each subject is of 20 marks with total 60 marks.

#### English :-

- Action words ➤ Our helpers ➤ Gender
- Opposite (fat/thin, hot/ cold, day/night, black/white, big/small, near/far, high/ low etc.)
- Picture Composition

#### Maths:- ➤ Number names ➤ Ascending and descending order

- Before, After and in between ➤ Addition and Subtraction
- Shapes (Triangle, Square, Circle, Rectangle) ➤ expanded form
- . ➤ Days in a week, Months in a year(oral)

#### EVS:-

- About myself, My family, My favourites ➤ My body parts, Sense organs ➤ Good Manners
- Healthy food ➤ People who help us(In School, Home, Hospital, Post Office, Market, Police Station etc.)
- Means of transport ( Air, Water , Land) ➤ My country ( National Anthem, National Bird, National flower, National Animal , National Flag) ➤ Different seasons ( Summer, Winter, Autumn, Spring and Rainy Season)

#### Hindi :- ➤ स्वर और व्यंजन ➤ सभी मात्राओं से दो दो फल, सब्जियां और पशुओं के नाम

- गिनती 1 से 10 तक ➤ वचन (एकवचन, बहुवचन)



## ENTRANCE TEST SYLLABUS (2023-24)

Class-III

### GENERAL INSTRUCTIONS: -

1. The admission test is based on objective test followed by the interaction with Teacher/Vice Principal/Principal. There is a time limit of 30 minutes for each subject and total time given to complete the entrance test is 1 hour 30minutes. Each subject is of 20 marks with total 60 marks.
2. Minimum marks are required to qualify the entrance test and eligible for admission.

### English:-

- Noun ➤ Pronoun
- Use of Articles ( a, an, the) ➤ Use of Helping verbs ( is ,am ,are , was/were , has /have/had.
- Adjectives ) ➤ Prepositions
- Conjunctions (and, or, between, but etc.)
- Sentences

### Maths:-

- Large Numbers(upto 500), Number names, Ascending/Descending, >, <, =, Place value,
- Even & Odd Numbers, Expanded Form
- Word Problems of addition and subtraction ➤ Fractions
- Shapes ➤ Tables Dodging (upto 10)

**EVS :-** ➤ Food ➤ Safety rules (at home ,on road , in bus ,in school) ➤ Places of worship ,People who help us

Parts of the body (Internal and External parts, uses; Sense Organ )

- Houses we live in ( Kucha ,pucca ,sky scrapers, Bungalows, Caravans)
- Plants ( Herbs ,Trees ,Shrubs, Desert , parts of plants)

**Hindi :-** ➤ अनुच्छेद लेखन ➤ वचन ➤ संज्ञा परिभाषा ,भेद ➤ लिंग ➤ विशेषण, क्रिया, विलोमशब्द ➤ गिनती

(1 से 20



## ENTRANCE TEST SYLLABUS (2023-24)

Class-IV

### GENERAL INSTRUCTIONS: -

1. The admission test is based on objective test followed by the interaction with Teacher/Vice Principal/ Principal.
2. There is a time limit of 30 minutes for each subject and total time given to complete the entrance test is 1 hour 30 minutes.. Each subject is of 20 marks with total 60 marks.
3. Minimum marks are required to qualify the entrance test and eligible for admission.

### English :-

- Reading Comprehension, Picture Composition, ➤ Letter Writing (Formal)-A letter to the Principal.
- Nouns, Pronouns, Adverbs, Adjectives, Conjunctions, Prepositions, Articles, Verbs

### Maths:-

- Numbers up to 9999, Place value and face value, Successor and predecessor
- Addition and Subtraction of 3-4 digit numbers
- Multiplication and division
- Fraction , Word Problems related to Fraction.
- General idea of time: Use of a.m. and p.m. (12 hour) clock, Minutes, hours and days Months and Year

### EVS:-

- Parts of our Body:- Internal Bodyparts, External Body parts, Sense Organs
- Clothes We Wear:- Natural Fibres, Man-made Fibres, Caring for clothes
- Transport and Communication:- Different means of transport,

**Hindi :-** ➤ संज्ञा, सर्वनाम , विशेषण ➤ विलोम शब्द, पर्यायवाची शब्द,

- लिंग , वचन ➤ अनुच्छेद लेखन, अपठित गद्यांश



## ENTRANCE TEST SYLLABUS (2023-24)

Class-V

### GENERAL INSTRUCTIONS: -

1. The admission test is based on objective test followed by the interaction with Teacher/Vice Principal/Principal.
2. There is a time limit of 30 minutes for each subject and total time given to complete the entrance test is 1hour 30 minutes.. Each subject is of 20 marks with total 60 marks.
3. Minimum marks are required to qualify the entrance test and eligible for admission.

### English :-

- Noun, Pronoun, Adverb, Adjectives, Conjunctions, Prepositions, Articles
- Comprehension Passage ➤ Paragraph Writing
- Application to the Principal

**Maths:-** ➤ NUMBERS : Numbers beyond 9,999 , Successor and predecessor, Rounding off numbers

- Multiplication and Division , Word Problems
- Factors and Multiples : HCF, LCM, Prime factorization ➤ Fraction: Like and unlike fraction, Proper and Improper fraction. ➤ Perimeter and Area: Perimeter and Area of Regular and irregular figures.
- Time: Reading time, A.M. and P.M. (12 hour clock, 24 hour clock) Calendar (Month to Year)

**EVS :-** ➤ Internal Body parts, External Body parts, Sense Organs

- Festivals (National, Religious) , Different means of communication

### Hindi :-

- संज्ञा, सर्वनाम, विशेषण, विलोम शब्द, लिंग ,वचन ➤ पर्यायवाची शब्द,अनेक शब्दोंके लिए एक शब्द
- दिन,महीनेऔर साल ➤ अनुच्छेद लेखन, चित्र वर्णन



# ENTRANCE TEST SYLLABUS (2023-24)

Class-VI

## GENERAL INSTRUCTIONS: -

1. The admission test is based on objective test followed by the interaction with Teacher/Vice Principal/Principal. There is a time limit of 30 minutes for each subject and total time given to complete the entrance test is 1 hour 30 minutes.. Each subject is of 20 marks with total 60 marks.

2. Minimum marks are required to qualify the entrance test and eligible for admission.

## English:-

- Reading Comprehension ➤ Nouns, Pronouns, Adverbs, Adjectives, Conjunctions, Prepositions, Articles, Idioms
- Tenses (Present , Past , Future) ➤ Direct & Indirect Speech
- Paragraph Writing, Letter Writing (Formal), Picture Composition.

## Maths:-

- Factors and Multiples: Prime and Composite numbers, divisibility rule, HCF, LCM.
- Fractions: Types of fractions, Addition and Subtraction of fractions.
- Decimals: Converting a fraction into a decimal and vice versa
- Perimeter and Area of Regular figures, Volume of a cube and a cuboid.
- Time: Reading time in 12 & 24 hour clock, calculating duration of time, Idea of calendar.

**Science:-** ➤ Bone and structure of Bone, Joints, Human Skeletal System ➤ Muscles:- Types and uses

- Study of Plants: Parts of a Plant, Life cycle of a Plant, Germination of a seed, Vegetative Reproduction.
- Force and type of Forces, Work, Energy and types of Energy

**Hindi :-** ➤ संज्ञा ,सर्वनाम, विशेषण

- पर्यायवाची शब्द, अनेक शब्दों के एक शब्द , अनेकार्थी शब्द
- अनुच्छेद लेखन, चित्र - वर्णन ➤ अपठित गद्यांश



## ENTRANCE TEST SYLLABUS (2023-24)

Class-VII

### GENERAL INSTRUCTIONS: -

1. The admission test is based on objective test followed by the interaction with Teacher/Vice Principal/ Principal. There is a time limit of 30 minutes for each subject and total time given to complete the entrance test is 1 hour 30 minutes.. Each subject is of 20 marks with total 60 marks.
2. Minimum marks are required to qualify the entrance test and eligible for admission.

### English:-

- Reading Comprehension ➤ Article Writing
- Formal Letter (Letter to Head of the Institution ) ➤ Active & Passive Voice ➤ Direct & Indirect Speech
- Adverb, Adjectives, Prepositions, Conjunctions, Articles ➤ Tenses (Present, Past, Future)

**Mathematics:** ➤ Knowing Our Numbers: Roman Numerals, Indian and International System of Numeration, Large Numbers in Practice ➤ Playing With Numbers: Divisibility rules, Prime and Composite Numbers, HCF and LCM.  
➤ Fraction and Decimals, Ratio, Types of Triangles ➤ Mensuration: Perimeter and Area of Regular shapes (Square, Rectangle, Circle, Triangle)

**Science:-** ➤ Components of food - Carbohydrates, Proteins, Fats, Balanced diet , Deficiency diseases

➤ Body movements - Human body movements , types of joints - ball and socket , fixed joint . Cartilage Contraction and relaxation of muscles, Locomotion in birds, fishes, cockroach .

➤ The Living organisms Characteristics and Habitats - Biotic and Abiotic factors. .Aquatic habitat - Oceans , Lakes, ponds . ➤ Light, Shadow and Reflections- ➤ Earth: - Layers & Domains of the earth.

**Hindi:-** ➤ उपसर्ग, प्रत्यय, तत्सम / तद्भव ➤ समास के भेद, (स्वर, व्यंजन)

➤ पर्यायवाची शब्द, (पानी, चन्द्रमा, कमल, माता, पृथ्वी, भाई, बादल, आकाश, घर, )

➤ संज्ञा , सर्वनाम , विशेषण , कारक ➤ पत्र लेखन ➤ अपठित गद्यांश



## ENTRANCE TEST SYLLABUS (2023-24)

Class-VIII

### GENERAL INSTRUCTIONS: -

1. The admission test is based on objective test followed by the interaction with Teacher/Vice Principal/ Principal. There is a time limit of 30 minutes for each subject and total time given to complete the entrance test is 1 hour 30 minutes.. Each subject is of 20 marks with total 60 marks.
2. Minimum marks are required to qualify the entrance test and eligible for admission.

### English:-

- Reading Comprehension
- Article Writing (Causes of Stress for Young Generation and Live Life to the Fullest )
- Letter Writing
- Adverb, Adjectives, Prepositions, Conjunctions, Articles ➤ Tenses (Present, Past, Future)
- Active & Passive Voice ➤ Direct & Indirect Speech

**Maths:-** ➤ Fractions and Decimals: Use of different operations and applications of decimals and Fractions

- Comparing Quantities: Ratio, Percentage, Profit % and Loss %, Simple Interest
- Solving an Simple Equation, Rational Numbers. ➤ Perimeter and Area of regular shapes, Circle

**Science:-** ➤ Nutrition in Plants - Autotrophs , Heterotrophs, Saprophytes, Photosynthesis, stomata , Parasite , Symbiosis, Insectivorous plants.

➤ Nutrition in Animals- ➤ Acids , Bases and Salt ➤ Physical and chemical changes ➤ Motion and Time - Speed , Uniform and Non uniform motion , Simple pendulum, Oscillations, units of speed and time.

**Hindi :-** ➤ उपसर्ग, प्रत्यय ➤ समास के भेद, सन्धि

- संज्ञा , सर्वनाम , विशेषण , कारक ➤ पत्र लेखन ➤ अपठित गद्यांश
- पर्यायवाची शब्द, (पानी, चन्द्रमा, कमल, माता, पृथ्वी, भाई, बादल, आकाश, घर, )



## ENTRANCE TEST SYLLABUS (2023-24)

Class IX

**English:** Grammar & Composition Comprehension, letter writing (informal/ formal), paragraph writing, notice writing, dialogue writing, parts of speech, voice, determiners, sentence completion, sequence of tenses, agreement of the verb with the subject, conditionals; reported speech.

**Hindi:** संधि, वाक्य परिवर्तन, उद्देश्य विधेय, अपठित गद्यांश, अनुच्छेद लेखन, काल, शब्द/वाक्य संशोधन, पत्र लेखन,

**Mathematics:** Rational Numbers, Exponents, Square & Square roots, Cubes & cube roots, profit & loss, ratio proportion, Operation on algebraic expressions, identities:  $(a+b)^2$ ,  $(a-b)^2$ ,  $a^2-b^2$

Volume & surface Area of cuboids, Cube & right circular cylinder. Area of a trapezium & a polygon. Quadrilaterals, parallelograms. Construction of Quadrilaterals.

**Chemistry:** Fuels (fossils- coal and petroleum), Alloys and corrosion (concept effect and prevention) Balancing reactions.

**Physics:** The universe \_ solar system, earth – diameter, moon, sun, stars, comets, meteors Light- refraction glass-slab, prism, ray diagram for lenses. Electric current- Concept of charge, current, cell voltaic, dry, effects of electric current.

**Biology:** The world of Micro-organism, Cell structure plants and animals, soil erosion and conservation

**History:** Revolt of 1857

**Geog:** Major crops, Natural resources – Land, soil, Water

**Civics:** The constitution of India, Fundamental Rights & Duties