

## ACADEMIC SESSION : 2024-25

## SYLLABUS FOR EVALUATION FOR ADMISSION TO : GRADE - VI

## ENGLISH

## (25 MARKS)

### 1. Reading

Comprehension of an Unseen Passage (MCQ only)

### 3. Grammar:

Punctuation Nouns- Types, Gender and Number Verbs Preposition Adjectives Usage of Tenses (Past tense & Continuous tense) Direct and Indirect Speech Active & Passive voice Jumble Sentences Tense- Present, Past & Future

### 4. Vocabulary:

Synonyms / Antonyms Homonyms

### MATHEMATICS

### 1. Numbers:

Indian and International systems of numeration, rounding numbers, number patterns, and Roman and Hindu-Arabic numerals.

### 2. The four basic operations:

Addition, subtraction, multiplication and division of numbers. Word problems

### 3. Fractions:

Finding equivalent fractions, checking equivalent fractions, reducing a fraction to its lowest term, comparing fractions, addition and subtracting unlike fractions, problem solving, multiplication of fractions and dividing fractions and whole numbers. Word problems.

### 4. Decimals:

Decimals, equivalent decimals, like and unlike decimals, comparing and ordering decimals, addition of decimals, subtraction of decimals, problem solving, multiplication of decimals, division of decimal numbers, multiplying and dividing decimals by 10 and 100 and word problems.

### 5. Geometry basics:

Recognizing angles, lines, parts of an angle, types of angles and measuring angles.

## 6. Area and perimeter:

Perimeter of a rectangle, perimeter of a square, exploring perimeter, area of a rectangle, area of a square, area of a triangle and relationship between area and perimeter. Solving problems involving area and perimeter.

# (25 MARKS)

#### 7. Volume:

Finding volumes of cube and cuboid.

### 8. Unitary Method

### 9. Percentage

#### **10. Factors and multiples:**

Rules of divisibility, exploring factors, prime and composite numbers, prime factorization, highest common factors and lowest common multiples.

### 10. Measurement:

Length, weight, capacity, conversion.

### APTITUDE

- 1. Number & Letter series
- 2. Verbal Reasoning
- 3. Coding Decoding
- 4. Direction
- 5. Numerical Reasoning
- 6. General Awareness
- 7. Logical Arrangement of words
- 8. Number & Letter Puzzles

# EVS

- 1. Earth and its Environment
- 2. Water and Water Cycle
- 3. Weather and Climate / Natural Disasters
- 4. Digestive System
- 5. Sense Organs

## (25 MARKS)

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