

ALL INDIA SAINIK SCHOOLS ENTRANCE EXAMINATION
SYLLABUS FOR CLASS VI ENGLISH
AS PER CBSE CLASS V TEXT BOOK

1. Essay Writing.
2. Comprehension.
3. Vocabulary and Usage.
4. Gender.
5. Antonyms.
6. Synonyms.
7. Homophone.
8. Sentence types.
 - (i) Interrogative.
 - (ii) Negative.
 - (iii) Positive.
 - (iv) Exclamatory.
9. One word substitute.
10. Re-arranging words to make meaningful sentences.
11. Verb Forms.
12. Adjective.
13. Nouns.
14. Adverbs.
15. Grammatical Structures.

ALL INDIA SAINIK SCHOOLS ENTRANCE EXAMINATION
SYLLABUS FOR CLASS VI MATHEMATICS

1. Number System

Place value and face value of numbers, Comparison of numbers, writing greatest and smallest numbers, fundamental operations on numbers including BODMAS rule, Rounding off numbers, Roman numeration, prime factorisation, LCM and HCF, squares and square roots, number patterns and series.

2. Fractions and Decimals

Fundamental operations including BODMAS rule, simplifications, lowest form and equivalent fractions, comparisons, conversion of fractions to decimals or percentages and vice-versa, squares and square roots, applications including word problems.

3. Commercial Mathematics

Ratio and proportion, percentages, unitary method, profit and loss including percentages, simple interest, arithmetic mean, time and work, time and distance including conversion of units, preparation of cash bills, measurement of temperature in degree Celsius and degree Fahrenheit.

4. Mensuration

Perimeter and areas and of triangle, rectangle, square etc including given diagrams, volumes of solids such as cube and cuboid, circumference and area of circle, conversion of units of area and volume.

5. Geometry

Basic geometrical concepts such as point, line, line segment, ray etc, classification of angles, triangles, quadrilaterals and polygons, interior and exterior of given figures, circle and its parts, construction of line segments, angles, triangles, circles etc, angle sum property of triangles and quadrilaterals.