

SYLLABUS FOR ADMISSION TEST



CLASS - II

ENGLISH

1. Composition about My school/My House or My Best friend.
2. Vowels. 3. Punctuation. 4. Framing questions and Answers.
5. Opposites. 6. Nouns 7. Pronouns. 8. Adjectives. 9. Verbs. 10. Prepositions. 11. Uses of 'have' or 'has' /this/those/is/ are / a/ an.

MATHS

Number Name from One to Hundred, Single digit Addition and Subtraction, Counting, Numerals from 1 to 300, compares numbers up to 20. Before after and in between, less and greater and equal to, Ascending and Descending order, Money, Geometry, 2D-Shapes, Measurement of Length, weight and Time, Data Handling, Patterns, Tables of 2, 3, 4 and 5

HINDI

1. वर्णमाला 2. व्यंजन 3. अपना परिचय / मेरा घर / मेरा प्रिय मित्र / मेरी सहेली किसी एक पर पाँच वाक्य लिखिए। 4. संज्ञा, सर्वनाम, विशेषण 5. चित्र देखकर नाम लिखो 6. खाली स्थान भरो।

CLASS - III

ENGLISH

1. Comprehension, Framing Questions beginning with 'What' or 'Where', Prepositions, Simple present Tense, Pronouns, Uses of 'have' and 'has', simple Past Tense, Negative sentences, Nouns and verbs, simple Future Tense, Collective Nouns, Plurals with 's' and 'es', Composition.

MATHS

Number Name up to 250, Numbers in figures up to 500, Table up to 10, Two digits Addition and subtraction, Division, Multiplication, Ascending and Descending order, Geometrical shapes, Money, Measurement of Length, Weight, Capacity, Data Handling, patterns.

HINDI

1. विपरीत शब्द 2. वचन बदलो 3. लिंग बदलना 4. संज्ञा तथा विशेषण शब्द पहचानना, 5. किसी विषय पर पाँच वाक्य लिखना, 6. पर्यायवाची शब्द लिखो। 7. सर्वनाम पद पहचानकर लिखो।

CLASS - IV

ENGLISH

Paragraph Writing, Nouns, Number, Opposites, Genders, Make Sentences, Punctuation, Pronoun, Verb, Adjective, Tenses (Present and Past), In-formal Letter.

MATHS

Number Name up to 500, Numerals up to 1000, Table up to 12, Three digits Addition and Subtraction, Division, Multiplication, Money, Measurement of Length, Weight and Capacity, Data Handling, Patterns.

HINDI

1. विलोम शब्द 2. पर्यायवाची शब्द 3. लिंग बदलना 4. वचन बदलना 5. संज्ञा, सर्वनाम तथा विशेषण की परिभाषा 6. दिवाली, दशहरा, पन्द्रह अगस्त पर दस पंक्तियों में निबंध

CLASS V

ENGLISH

Comprehension, writing an application to the Principal of your school requesting him to grant leave, In-formal Letter, Synonyms, Antonyms, Compound Words, Noun, Pronoun, Verb, Adjectives, Use of has/have, was/were.

MATHS

Numbers - Place value system, Word problems on Addition, Subtraction, Multiplication and Division, Triangles, Quadrilaterals, Circles, Metric units of Length, Weight and Capacity, Elementary Knowledge about Factors and Fractions, Perimeter and Area, Time, Patterns.

HINDI

1. विलोम शब्द 2. पर्यायवाची शब्द 3. लिंग बदलना 4. अनेक शब्दों के लिए एक शब्द 5. वचन बदलना, 6. संज्ञा, सर्वनाम तथा विशेषण की परिभाषा तथा भेद 7. अवकाश हेतु पत्र, पिता के पास पत्र 8. होली, दिवाली, स्वतंत्रता दिवस, गणतंत्र दिवस, महात्मा गांधी, दशहरा आदि पर दस वाक्यों में निबंध।

CLASS - VI

ENGLISH

Unseen Passage, Comprehension.

An application (Informal letter) to the Principal asking for leave. Grammar-Noun and its parts, Number of nouns Singular/Plural Gender of nouns (Masculine/ Feminine), Degree of Comparison, Adjective, Tense, Adverbs, Pronouns, Articles, Synonyms, Antonyms.

HINDI

निबंध : वर्षा ऋतु, भारतीय त्यौहार इत्यादि। पत्र : शुल्क माफी के लिये प्रार्थना पत्र, किसी मेले का वर्णन करते हुए मित्र को पत्र इत्यादि। मुहावरे, विलोम शब्द, पर्यायवाची शब्द, लिंग बदलना, शब्द शुद्ध करना, अनेक शब्दों के लिए एक शब्द, संज्ञा व भेदों की परिभाषा विशेषण, क्रिया विशेषण, अनेकार्थक शब्द मुहावरों को वाक्यों में प्रयोग करना।

MATHS

Fraction, Factors, Multiples, L.C.M. & H.C.F., Traingle, Square, Mensuration, Problems based on different basic operations.

SCIENCE

- i. Our Body, 2. Food and Nutrition, 3. Our wildlife, 4. Physical Features of our Country, 5. Communicable diseases, 6. Our National Symbols, 7. Balance in Nature, 8. Living Together in Diversity, 9. Communication - Advancement and Impact, 10. Maps and Globes.

SYLLABUS FOR ADMISSION TEST



CLASS - VII

ENGLISH

Paragraph writing, Formal and informal letter, Comprehension, Articles, Prepositions, Adverb, Opposites, Connectors, Modals, Notice writing, Message writing, Verb forms, Adjectives, Punctuation, Completing Sentences.

HINDI

निबंध : समय का सद्पयोग, प्रदूषण की समस्या, विज्ञान के चमत्कार, दूरदर्शन आदि। पत्र: प्रार्थना पत्र, साधारण पत्र (माता, पिता, भाई, बहन) आदि को। संज्ञा, सर्वनाम, विशेषण भेद सहित, उपसर्ग प्रत्यय, समानार्थक शब्द, अनेकार्थक शब्द, विपरीतार्थक शब्द, वाक्यांशों के लिये शब्द, मुहावरे, लोकोक्तियाँ, अर्थ सहित वाक्यों का प्रयोग।

MATHS

Natural and whole numbers, Representation of whole numbers on number line, Problems of Addition Subtraction, Multiplication and Division, factors of numbers and their Multiplication, Division of Integers, Algebraic Expression, Variables and constants, Like and Unlike terms. Finding value of an algebraic expression. Ratio, Proportion and unitary method, percent, profit and loss and simple interest. Barograph and reading of Barograph.

Basic geometrical concept-Point, Line two lines in plane, collinear points, concurrent lines.

Different kind of angles and their construction using compass.

SCIENCE

Food materials and sources, Components of food, fibre to fabric, sorting materials into groups, separation of substances changes around us, getting to know plants, body movements, living organisms and their surroundings, motion and measurement of distances, light, shadows and reflections, electricity and circuits, fun with magnets water, air surround us, Garbage in, Garbage out.

CLASS - VIII

ENGLISH

Paragraph Writing about 125 words, Formal/Informal Letters, Notice writing, Message writing, Comprehension, Direct-Indirect speech, Active-passive voice, Verb Forms, Prepositions, Infinitives, Synonyms, Antonyms, Tenses, Punctuation, Adverbs, Adjectives, Modals.

HINDI

निवन्ध : दहेज एक अभिशाप है। यदि मैं प्रधानमंत्री होता, राष्ट्रीय एकता, प्रदूषण के कारण और निवारण, विद्यार्थी जीवन। पत्र: मित्र को पत्र, बीमारी में सांत्वना हेतु, प्रधानाचार्य को दण्ड माफी के लिये प्रार्थना पत्र। कारक, संधि (स्वर संधि), पर्यायवाची, विपरीतार्थक शब्द, अनेक शब्दों के लिए एक शब्द, समोच्चारित शब्द, एकार्थ प्रतीत होने वाले शब्द, मुहावरे, लोकोक्तियों, संज्ञा, सर्वनाम, क्रिया, विशेषण (भेद सहित), उपसर्ग, प्रत्यय।

MATHS

Addition, Subtraction, Multiplication and Division of Rational numbers, decimal representation of rational number, Addition and subtraction of a polynomial, Solving of equation and inequation, Exponents, Area of triangle, Rhombus, Trapezium, Parallelogram, Square & Rectangle Congruency axiom, of the tribunals, Volume of cube & cuboids Construction of triangles, Simple interest, Profit & Loss, percentage, Pythagoras, thorium, ratio and proportion.

SCIENCE

Nutrition in plants and Animals, Fibre to fabric, Heat, Acids, Bases & Salts, Physical and Chemical changes. Weather climate and adaptation of animals to climate. Wind, storms and cyclones, soil, respiration in organism, Transportation in plants and animals, Reproduction in plants Motion and Time, Electric Current and its effects, Light, Water : A precious resource, Forests : Out lifetime, Waste water stay.

CLASS - IX

ENGLISH

Formal & Informal Composition, Punctuation, Direct- Indirect Speech, Essays, Active and Passive Voice, Comprehension, Dialogue and speech writing, Letter writing, Paragraph writing.

HINDI

निवन्ध : खेलों का जीवन में महत्व, बेकारी की समस्या, सत्संगति आदि सम्पादक के नाम पत्र। स्कूल में वार्षिकोत्सव का वर्णन करते हुए एक पत्र। मुहावरे, विलोम शब्द, पर्यायवाची शब्द, अनेकार्थक शब्द, विशेषण, सन्धि और समास (भेद सहित) अनेक शब्दों के लिए एक शब्द।

MATHS

Problem based on square root and cube root. Rational and Irrational numbers. Exponents and Radicals, Simplification of radicals, Algebraic expressions (Addition, subtraction, multiplication and Division). Questions based upon $(a+b)^2$; $(a-b)^2$, a^3+b^3 , $a^3-b^3:(a+b)^3$, $(a-b)^3$ formulae, Linear equations, factoring a polynomial, sets, Geometry- Congruence of triangles, Parallel lines, Circle, chord, Secant, Tangents, Degree, Measure of an arc, Area of a triangle, square, Cylinder rectangle, rhombus, parallelogram, trapezium, circle etc. Volume and surface area of cube, cuboids, cylindered cone construction of quadrilateral. Profit and Loss, simple interest, time and work, time and distance, direct and indirect variations; compound interest. Raw Data, Arithmetic mean and Frequency distribution table.

SCIENCE

Crop production and management, Micro-organism, synthetic fibres and plastics, materials-metals and non-metals, coal and petroleum, combustion and flame, cell structure and functions, reproduction in Animals, reaching the age of adolescence, force and pressure, friction, sound, chemical effect of electric current, some natural phenomena, light, star and the solar system, pollution of air and water; conservation of plants and animals.