

**ENTRANCE EXAMINATION 2020-21****SYLLABUS
CLASS: II**

| SUBJECT | |
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| ENGLISH | MATHEMATICS |
| Unseen passage, Missing letter, Noun, Pronoun, Preposition, Use of has or have, Use of is, am and are, Conjunction, Sentences, Essay. | Addition, Subtraction, Multiplication Tables 2 to 15, Ascending order, Descending order, Numerals and number name 1 to 100, Number After Before and Between, Problem sums based on Addition and Subtraction. |

**SYLLABUS
CLASS: III**

| SUBJECT | | |
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| ENGLISH | MATHEMATICS | SCIENCE |
| Unseen passage, Part of speech, use of is, am, are, was, were, use of has, have, had, Articles, One and many, opposite gender, Essay | Division facts, Multiplication facts, ascending and descending order, number name, Greatest and smallest number, Addition, Subtraction of two digit and three digit numbers, Multiplication by one digit number, Word problems on addition and subtraction, Even and odd, ordinal number, Expanded and compact form, Put the correct sign '>' '<' or '= ', Before / After, Shapes, Table 2 to 15, Complete the pattern, Measurement, Numerals and number name 1 to 200, | Parts of plant, Staying safe, Living and non-living things, Animals and plants. |

**SYLLABUS
CLASS : IV**

| HINDI | |
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| | भाषा और व्याकरण, संज्ञा, सर्वनाम, लिंग, वचन, क्रिया, विशेषण, शब्द भंडार, पत्र-लेखन, कहानी लेखन, मुहावरे, अनुच्छेद। |
| ENGLISH | |
| | Unseen Passage, Informal letter, Essay, Story writing, Paragraph writing, Nouns, Pronouns, Articles, Gender, Adverbs, Preposition, Adjective, Use of has/have or had |
| MATH | |
| | Addition, Substraction, Multiplication, Division, Fraction, Roman Number, Measurement, Geometry, Time & Money, Symmetry/Patterns. |
| SCIENCE | |
| | The Human Body, The animal world, The world of Plants, Safety and Home, Air, Water and Weather, Our Planet Earth, The night sky, Light & Sound, Force, Games & Adventure |

**SYLLABUS
CLASS : V**

| HINDI | |
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| | भाषा, वर्ण-विचार, शब्द, संज्ञा, शब्द भंडार। |
| ENGLISH | |
| | Unseen Passage, Formal/informal Letter, Essay, Nouns: Kinds of nouns, Nouns: Number Gender, Verbs, Article: A, An, The, Adverbs, Prepositions, Subject and Predicate, Pronoun, Adjective, Sentence: Kinds of Sentence, Conjunction, Homophones. |
| MATH | |
| | Addition and Subtraction, Multiplication, Division, Multiples and Factors, HCF & LCM, Fractions, Decimals, Measurement, Geometry, Perimeter & Area, Symmetry & Patterns, Money-Profit & Loss. |
| SCIENCE | |
| | Leaves-The food Factory of Plants, Adaptations in Plants, Adaptation in Animals, Reproductions in Animals, Food and Health, Air, Water, Our Environment, Pollution, Our Universe-The Solar System, States of Matter, Force-Work and Energy. |

**SYLLABUS
CLASS : VI**

| HINDI | |
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| | भाषा और व्याकरण, संज्ञा, सर्वनाम, लिंग-वचन, क्रिया, विशेषण, काल, अव्यय, विराम चिह्न, शब्द-भंडार, पत्र-लेखन, कहानी लेखन, अनुच्छेद, मुहावरे। |
| ENGLISH | |
| | Pronoun, Adjective, Present Tense, Past Tense, Future Tense, Phrasal verbs, Nouns, Preposition, Noun: Gender, Comparison of Adjective. |
| MATH | |
| | Operations on large numbers, Factors and multiples, Fractions, Decimals, Percentage and Average, Ratio-Proportion and Unitary Method, Profit and loss, Simple Interest, Measurements, Geometry, Symmetry-Patterns and Nets, Perimeter-Area and Volume, Data Handling. |
| SCIENCE | |
| | Human Skeletal & Muscular Systems, More about Plants, Animals in their surroundings, Food and Health, Rocks and minerals, Air, Water, Change in Our Environment, Moon-Earth's Natural Satellite, Natural Calamities, Force and Energy, Simple machines. |

**SYLLABUS
CLASS : VII**

| HINDI | |
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| | भाषा, लिपि, बोली और व्याकरण, वर्ण-विचार, शब्द विचार, उपसर्ग, प्रत्यय और समास, संधि, संज्ञा, लिंग, वचन, कारक, सर्वनाम, विशेषण, क्रिया, काल, अव्यय, वाक्य-विचार, शब्द-भंडार, मुहावरे, पत्र-लेखन। |
| ENGLISH | |
| | Unseen passage, Letter (formal, informal), Notice writing, Paragraph writing, Essay, Gender, Antonyms, Synonyms, Prepositions, Noun-Number, Adjective, Sentence, Pronoun, Conjunction, Direct and Indirect speech, Voice, Tense, Adverb, Verb. |
| MATH | |
| | Factors & Multiples, Whole Numbers, Integer, Fraction, Simplification, Decimal, Triangle, Linear equation in one Variable, Concept of Perimeter & Area. |
| SCIENCE | |
| | Nutrition in Plants, Reproduction in Plants, Weather Climate and Adaptations of Animals, Heat, Electric current and its effect, Soil, Motion and Time, Light, Materials of Daily Use, Nutrition in Animals, Winds Storms and Cyclones, Transportation of Materials, Forests, Scarcity of Water, Different kinds of materials, Respiration in Organisms & Waste Management. |

**SYLLABUS
CLASS : VIII**

| HINDI | |
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| | भाषा, लिपि, बोली और व्याकरण, वर्ण-विचार, शब्द विचार, उपसर्ग, प्रत्यय और समास, संधि, संज्ञा, लिंग, वचन, कारक, सर्वनाम, विशेषण, क्रिया, काल, अव्यय, वाक्य-विचार, शब्द-भंडार, मुहावरे, पत्र-लेखन। |
| ENGLISH | |
| | Article, Pronoun, Conjunction, Tense, Verbs, Voice, Speech, Participles, Modals, Letter writing, Paragraph writing, Story writing, Notice writing, Comprehension, Preposition, Punctuation. |
| MATH | |
| | Exponents, Square and square root, Cube and cube root, Factorisation, Linear equations, Percentage, Profit and loss, Compound interest, Direct and Inverse variations, Time and work, Polygons, Quadrilaterals, Area of a trapezium and a polygon, Three dimensional figures, Volume and surface area of solids, Data handling, Introduction to coordinate geometry, Probability. |
| SCIENCE | |
| | Sources of Food , How things change , Things around Us , Electric current and its Circuits , Magnets , Grouping materials of Different Kinds , The Habitat of the Living , Plants – Form and Functions , Motion and Measurement of Distance , Components of Food , Materials of Daily Use – Clothes , Rain Thunder and Lightning , Components of Food , Animals – Form and Functions , Separation of Substances – Cleaning of Food & Light . |

**SYLLABUS
CLASS : IX**

| HINDI | |
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| | भाषा, लिपि, बोली और व्याकरण, वर्ण-विचार, शब्द विचार, उपसर्ग, प्रत्यय और समास, संधि, संज्ञा, लिंग, वचन, कारक, सर्वनाम, विशेषण, क्रिया, काल, वाच्य, अव्यय, विराम-चिह्न, वाक्य-विचार, अलंकार, शब्द-भंडार, मुहावरे, अनुच्छेद, पत्र-लेखन। |
| ENGLISH | |
| | Nouns, Pronouns, Verbs, Adverbs, Preposition, Conjunction, Voice, Narration, Subject-Verb, Argument, Articles, Letter writing, Tense, Modals, Sentence, Comprehension, Composition, Punctuation, Phrases and clauses, Vocabulary. |
| MATH | |
| | Rational number, Square root cube root, Power & Exponent, Algebraic Expression, Factorization, Profit & Loss, Parallelogram, Constructions, Volume surface area, Perimeter and Area. |
| SCIENCE | |
| | Crop production, Microorganism, Synthetic fiber & plastics, Metals & Non-Metals, Conservation of Biodiversity, The cell, Reproduction & Adolescence, Force & pressure, Friction, Sound, Chemical effects of current, Some natural phenomena, Light, The night sky, Coal & petroleum, Pollution of Air & water. |