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Syllabus for Entrance Test

Class - L.K.G.

- (a) **हिन्दी** – वर्णमाला का मौखिक, लिखित ज्ञान, बातचीत की क्षमता, कविता पाठ स्वर अ-आ लिखित।
- (b) **ENGLISH** -Capital Letters-Writing, Pronunciation and Rhymes.
- (c) **ARITHMETIC** - Number up to 30(Written & Oral), Shapes.
- (d) **GENERAL KNOWLEDGE** - Identification of Primary Colours, fruits, animals, vegetables & birds, parts of the body.

Class - U.K.G.

- (a) **हिन्दी** – श्रुतलेख, रंगों के नाम, फलों के नाम, रिक्त स्थानों की पूर्ति, स्वर तथा व्यंजन वर्ण लिखना, मात्रा लगाना आ, इ, ई।
- (b) **ARITHMETIC**- Addition, Subtraction, Reverse Number 20 to 1, Tables (2, 3, 4 & 5), Write in words 1 to 10, between number, Counting number (1-50).
- (c) **ENGLISH** - (i) Small & Capital Letters, Fill in the blanks, Single Word Making, Dictation.
(ii) Name of animals, fruits, vegetables. (iii) Identification of colours and parts of the body.
- (d) General Awareness (Oral)

Class - 1

- (a) **हिन्दी** – फूलों तथा फलों के नाम, मात्रा लगाना, प्रश्नोत्तर, त्योहारों के नाम, दिनों के नाम, श्रुतलेख।
- (b) **ARITHMETIC**- Number (1-100 in words & in Figures), Addition, Subtraction, Table (2 to 10). Ascending/Descending Order.
- (c) **ENGLISH**- (i) Name of Flowers, Colours, Vegetables, Fruits, Animals & Birds.
(ii) Fill in the blanks with vowel sound (a,e,i.o,u), Make words with consonants, Cross the wrong word, Composition (Myself, My School), Naming words, word opposites, action words, singular plural.
- (d) General Awareness (Oral)

Class - 2

(a) हिन्दी

1. वर्णमाला, सरल संयुक्ताक्षर 2. फल, फूल, पालतू पशु-पक्षियों के नाम 3. शब्दों का वाक्यों में प्रयोग 4. लिंग, वचन, विलोम शब्द 5. संज्ञा, रिक्त स्थानों की पूर्ति 6. प्रश्न-उत्तर महीनों तथा दिनों के नाम
7. श्रुतलेख।

(b) ARITHMETIC

1. Counting, writing in words and figures (Numbers from 1 to 100)

2. Comparison of two numbers. 3. Tables up to 15. 4. Addition & Subtraction of 2 digit numbers with carry over. 5. Multiplication of 1 digit number by single digit. 6. Problems on addition and subtraction. 7. Recognition of rectangle, square, circle, triangle, oval 8. Ascending and descending of 2 digit number.

(c) ENGLISH

1. Parts of body, Name of days, months, animals, birds, flowers, jumbled letters. 2 Numbers, Opposites, Gender, Naming words(Noun), Doing Words, Composition (My Mother, Myself, Pet animal), Story writing, Article, Use of (is, am, are), Synonyms, Pronouns, dictation. (d) General Awareness (Oral)

Class - 3

(a) हिन्दी

1. संज्ञा, वचन, लिंग, विलोम, समानार्थक शब्द, अशुद्ध शब्द को शुद्ध करना, पर्यायवाची शब्द, श्रुतलेख।
2. निबंध- पालतू पशु, प्रिय त्योहार, हमारा विद्यालय आदि कहानी पूरी करें।

(b) MATHEMATICS

1. Comparison of Numbers.
2. Addition and Subtraction with, without carryover of 3-digits number.
3. Multiplication of 2-digit numbers (using the tables up to 1 to 15) 4. Problems based on addition and subtraction. 5. Money (addition).

(c) ENGLISH

1. Name of Months, days, animals, birds surroundings etc. 2. Noun, Pronoun, Adjective, Prepositions-(in, on, under, to), Action Words (Verbs) sentence, rearrange the words. 3. Word Opposites 4. Gender, Articles (A, An,) Numbers, Punctuation, dictation. 5. Composition-Five Sentences on Any festival, My School, Myself, Pet Animal. 6. Comprehension.

Class - 4

(a) हिन्दी

1. पर्यायवाची, अशुद्ध शब्दों को शुद्ध करना, संयुक्ताक्षर, विलोम शब्द, मुहावरे, वाक्यांश, लेख त्योहार, प्रिय नेता, कम्प्यूटर, खेल का महत्त्व 2. पत्र-औपचारिक/अनौपचारिक पत्र 3. वचन, लिंग, संज्ञा तथा सर्वनाम
4. श्रुतलेख

(b) MATHEMATICS

1. Numeration and Notation-up to 3 digits number and comparison of two numbers. 2. Addition, Subtraction of 3-digit number. 3. Multiplication by 2 digit numbers. 4. Division 5. Money (Addition and Subtraction). 6. Shapes.

(c) ENGLISH 1. Sentence/Subject and Predicate/Rearrange the words. 2. Parts of Speech, Present & Past Tense, Number, Gender. 3. Word Opposites. 4. Composition: Any Great Leader, Any Festival, My Family. 5. Comprehension 6. Punctuation 7. Synonyms 8. Application for leave 9. Article : A, An, The 10. Dictation.

Class - 5

(a) हिन्दी

1. संज्ञा, सर्वनाम तथा विशेषण
2. वचन, लिंग, अनेक शब्दों के लिए एक शब्द, पर्यायवाची, विलोम तथा मुहावरे।
3. निबन्ध लेखन समाजिक तथा राष्ट्रीय पर्व/अनुच्छेद लेखन। 4. पत्र-लेखन औपचारिक/अनौपचारिक पत्र, अपठित गद्यांश। 5. श्रुतलेख।

(b) MATHEMATICS 1. Money-Addition, Subtraction. 2. Time-A.M., P.M. Conversion of time into 24 hour clock time, addition, subtraction of clock time. 3. Perimeter of triangle, rectangle and square. 4. Factors and Multiples 5. Fractions. 6. Basic Geometry.

(c) ENGLISH 1. Rearrange the sentence. 2. Articles, subject-predicate, tense, Homophones, antonyms, synonyms, punctuation, Numbers, Parts of Speech, Letter (formal/informal). 3. Short Composition. (Any Festival, My School, Great Leader)

4. Comprehension Passage 5. Dictation

Class - 6

(a) हिन्दी

1. पत्र लेखन-औपचारिक/अनौपचारिक पत्र अनुच्छेद लेखन समाजिक पर्व, राष्ट्रीय पर्व तथा सामाजिक समस्याएं
2. पर्यायवाची शब्द, विलोम शब्द, मुहावरों का अर्थ तथा उनका वाक्य में प्रयोग, उपसर्ग, प्रत्यय, संधि। 3. व्याकरण-संज्ञा, सर्वनाम, विशेषण तथा कारक, काल, लिंग, वचन। समानार्थक शब्द, विराम चिन्ह का ज्ञान, वाक्यांशों के लिए एक शब्द, श्रुतलेख

(b) ENGLISH 1. Antonyms and Synonyms, Rearrange the words. 2. Kinds of Sentences. 3. Tense, Dictation 4. Gender, one word substitution. 5. Articles, Parts of Speech, Punctuation. 6. Letter (formal/informal). 7. Essay: My city, friend, Any game you like the most. 8. Comprehension Passages. 9. Story writing

(c) MATHEMATICS 1. Factor, Multiple, HCF & LCM 2. Unitary System. 3. Profit & Loss (with %) 4. Geometry-Construction of an angle 300, 600, 450, etc, by compass. 5. Simplification 6. Speed, Time and Distance.

(d) SCIENCE & SOCIAL STUDIES 1. Diseases and their prevention. 2. Safety and First Aid. 3. Water

4. Force, Work and Energy 5. Some simple machines.

6. Means of transport and communication. 7. The Globe. 8. The story of freedom struggle. 9. Natural Disasters.

Class - 7

(a) हिन्दी -1. पत्र लेखन औपचारिक/अनौपचारिक 2. निबन्ध सामाजिक पर्व, राष्ट्रीय पर्व तथा सामाजिक समस्याएं/अनुच्छेद लेखन 3. पर्यायवाची शब्द, विलोम शब्द, मुहावरों का अर्थ तथा उनका वाक्य में प्रयोग। 4. संज्ञा, सर्वनाम, विशेषण तथा कारक, काल, लिंग, वचन, समानार्थक शब्द, विराम चिन्ह। वाक्यांशों के लिए एक शब्द, समास, उपसर्ग, प्रत्यय, संधि।

(b) ENGLISH 1. Tense. 2. Sentences (Positive/Negative/Interrogative) 3. Rearrange the sentence, correct the spelling. 4. Parts of speech. 5. Letter (formal/informal), E-mail/Biography (100 words). Notice (50 words), Article, Writing Speech. 6. Paragraph Writing (75-100 words) Short Composition (80 words). 7. Comprehension.

(c) MATHEMATICS 1. Integers 2

. Ratio and Proportion 3. Perimeter & Area 4

. Unitary Method 5. Simplification 6. Linear equation in one variable.

(d) SCIENCE AND SOCIAL STUDIES 1. Introduction to History 2. Vedic Age 3. Changes around us 4. Light, shadows and reflection 5. Electricity and Circuits 6. Motion of the Earth 7. Latitudes and Longitudes 8. Government

Class - 8

(a) हिन्दी

1. यिा-परिभाषा एवं भेद 2. सन्धि की परिभाषा एवं स्वर सन्धि सम्पूर्ण 3. पर्यायवाची शब्द, विलोम शब्द, उपसर्ग एवं प्रत्यय 4. कारक एवं विभक्ति चिन्ह 5. अनेक शब्दों के लिए एक शब्द, मुहावरे एवं लोकोक्तिया 6. निबन्ध/अनुच्छेद लेखन 7. पत्र-लेखन 8. संज्ञा, सर्वनाम, लिंग, वचन 9. भाषा, लिपि और व्याकरण (b)

(b) ENGLISH 1. Verb forms 2. Change of Tense 3. Articles 4. Voice (Active and Passive)

5. Prepositions, Adverbs, Degree of Adjective 6. Letter (Formal/Informal)

7. Notice 8. Jumbled words 9. Parts of Speech 10. Synonyms

(c) MATHEMATICS 1. Simple Equations 2. The triangle and its properties 3. Perimeter and Area 4. Algebraic Expressions 5. Exponents and Powers 6. Percentage 7. Profit and Loss.

(d) SCIENCE 1. Nutrition in Plant & Animals 2. Water (A Precious Resource) 3. Acids, Bases & Salts 4. Light 5. Heat And Temperature 6. Motion and Time 7. Electricity and Magnetism 8. Reproduction in Plants 9. Physical and Chemical Changes

Class - 9

(a) ENGLISH Grammar 1. Tense 2. Voice (Active & Passive) 3. Article 4. Adjective 5. Preposition 6. Adverb 7. Antonyms 8. Synonyms 9. Verb forms 10. Jumbled words 11. One word substitution 12. Conjunction 13. Narration 14. Sentence formation **Writing:-** 1. E-mail 2. Notice 3. Diary Entry 4. Paragraph (Article) 5. Letter (Formal/Informal)

(b) MATHS 1. Square and Square Roots 2. Algebraic and Identities expression 3. Mensuration (Volume and Surface Area of Solids) 4. Rational Number 5. Linear Equation in one Variable 6. Factorization 7. Quadrilaterals 8. Parallelogram 9. Probability 10. Exponents

(c) SCIENCE AND TECHNOLOGY 1. Pollution of water and Air. 2. Combustion, Flame and Fuels 3. Light 4. Materials: Metals and Non-metals. 5. Force and Pressure 6. Cell structure & functions 7. Micro organism 8. Reproduction in Animals. 9. Sound

Class - 11

{SCIENCE STREAM}

(SCIENCE & TECHNOLOGY, MATHEMATICS & ENGLISH)

(A) SCIENCE AND TECHNOLOGY (For Both Maths & Bio Stream)

(a) Reflection and Refraction of Light, (ii) Human Eye & the colourful world.

(b) Current Electricity & Effects of electric current (Heating and

Magnetic Effect) (c) Chemical Reaction and chemical equations (d) Metal and Non-metal (e) Carbon and its compounds (f) Acids, bases and Salts (g) Periodic classification of elements (h) Nutrition and Respiration. (i) Control and co-ordination. (j) Reproduction (k) Heredity & Evolution (l) Our Environment

(B) MATHEMATICS (Only for Maths Stream)

(a) Linear equations in two variable (b) Quadratic equations (c) Mensuration of Solid figures (d) Arithmetic Progression (e) Trigonometry and its applications. (f) Probability (g) Co-ordinate Geometry (h) Real Number

(C) MATHEMATICS (Only for Bio Stream)

(a) Quadratic equations (b) Trigonometry. (c) Probability (d) Co-ordinate Geometry

(D) ENGLISH (For Maths & Bio stream) (a) Antonyms (b) Synonyms (c) Voice (d) Tense (verb form)

(e) Syntax

(f) Narration

(g) Arrangement of Jumbled Words/Phrases to form meaningful sentences.

(h) Editing Errors/Omission (i) Non-Finites

{COMMERCE STREAM}

(ENGLISH, ECONOMICS, MATHS & commerce aptitude test)

(A) ECONOMICS

(a) Globalisation and the Indian Economy (b) Money and Credit (c) Consumer's Rights (d) Sectors of Indian Economy

(B) MATHEMATICS

(a) Linear equations in two variables (b) Statistics (c) Quadratic equation (d) Probability

(C) English

(a) Antonyms

(b) Synonyms (c) Voice (d) Tense (verb form)

(e) Syntax (f) Narration

(g) Arrangement of Jumbled Words/Phrases to form meaningful

sentences. (h) Editing Errors/Omission (i) Non-Finites

(D) Commerce Aptitude Test (i) Series Completion. (ii) Identification of Logo/Product (iii) Name the Founder/Chairperson of Companies. (iv) Banking System & Current Economic Affairs (v) Personality base question.

{HUMANITY STREAM}

(History, Civics, Geography and English)

(A) HISTORY

(a) Nationalism in Europe (b) Nationalism in India

(B) CIVICS

(a) Federalism (b) Political Parties (c) Gender, Religion and Caste

(C) GEOGRAPHY

(a) Agriculture (b) Mineral and Energy Resources (c) Life Lines of Indian Economy

(D) ENGLISH

(a) Antonyms (b) Synonyms (c) Voice (d) Tense (verb form) (e) Syntax (f) Narration

(g) Arrangement of Jumbled Words/Phrases to form meaningful

Sentences (h) Editing Errors/Omission (i) Non-Finites