# SANT ATULANAND RESIDENTIAL ACADEMY SYLLABUS



# Addmision in L.K.G

- 1. वर्णमाला का मौखिक, लिखित ज्ञान, बातचीत की क्षमता, कविता पाट
- 2. English- Captial Letters Writing Pronuciation and Rhymes.
- 3. Arithmetic Number up to 20 (written & Oral)
- 4. General Knowledge Identification of Primary Colours, fruits animals vegetable & birds.

#### Addmision in U.K.G

- 1. श्रुतलेख, रिक्त स्थानों की पूर्ति, स्वर तथा चित्र पहचान कर पहला अक्षर एवं शब्द लिखना।
- 2. English- Dictation small & capital Lettersl, Fill in blanks, Conversation, Single Word with help of Picture a to z in capital curvise.
- 3. Arithmetic Addition, Subtraction, Tables (2&3), Write in words 1 to 10. After Number, Dictation .
- 4. Animlas, Fruits name & Vegetables.

# Addmision in Class-1st

- 1. फूलों तथा फलों के नाम, मात्रा लगाना, विलोम, दिनो के नाम, एकवचन, बहुवचन।
- 2. English- Name of Flowers, Colours, Vegetables, Fruits, Animals & Birds. Fill in the blanks with vowel sound (a,e,i,o,u) Make words with consonants, Cross the wrong word, Question & Answer (Ex- What is that? What is this?) one and many, make new words.
- Arithmetic Number (in words & Figures), Addition, Subtraction, table (2 to 10), Ascending/ Descending order, after before between, put the put the sign><=</li>
- 4. Animlas, Fruits name & Vegetables.

# Addmision in Class-2<sup>nd</sup>

- 1 हिन्दी
  - वर्ण माला का ज्ञान
  - सरल संयुक्ताक्षरों का ज्ञान
  - फूलों तथा फलों का नाम
  - पालतू पश् -पक्षियों के नाम का ज्ञान
  - ररल विलोम शब्द (जैसे–माता पिता, छोटा– बड़ा, अच्छा–बुरा आदि)
  - लिंग का ज्ञान (जैसे–माता पिता, लडका लडकी)
  - वचन का ज्ञान

- रिक्त स्थानों की पूर्ति
- संज्ञा, क्रिया

#### 2. Arithmetic

- Counting writing in word and figure (Number from 1 to 100)
- Comparison of two numbers.
- Tables up to 10.
- Addition & Subtraction of 3 digit numbers with carry over.
- Multiplication of 1 digit numbers by single digit.
- Problems on addition and subtraction .
- Recognition of rectangle, square and circle
- Skip counting in 2's and 3's.

# 3. Eglish

- Parts of body, Name of days, Months, animals, birds, flowers colours, simple words being comprised of five to six letters.
- Singular and Plural, Opposite, Vowels, Gender, Naming words,
   Question and Answers, Comprehension, Composition (My mother myself, Pet animals), Articles

# Addmision in Class-3<sup>rd</sup>

#### हिन्दी

- संज्ञा, वचन, लिंग, विलोम, समानार्थक शब्द, अशुद्ध शब्द को शुद्ध करना, पर्यायवाची शब्द। दिन और महीने, विद्यालय पर पाँच वाक्य।
- निबन्ध (पालतू पश्रू, प्रिय त्योहार, हमारा विद्यालय आदि) या कहानी पूरी करें।

#### 2. Mathematics

- Numeration and notation of numbers up to 20 digits, Number Name.
- Comparision of Numbers
- Addition and Subtraction with without carryover of 3 digits numbers.
- Multiplication 2 digit numbers (using the table up to 1 to 15)
- Tens, ones even and odd numbers, ascending and descending order.
- Problems based on addition and subtraction.
- Money (addition)
- Plane Figures-Time

# 3. Eglish

- Name of Months, Week days, animals, birds, surrounding etc.
- **Sentence** : Subject & Predicate
- Nonu, Pronoun, Adjective, prepositions (In on under, to behind in front of ), Doing Words (Verbs).
  - Opposites Light Dark, Man- Women etc.
  - Genderm Articles (A, An), Singular, Plural, Punctuation.
- Composition Five Sentences on- Cow Dog, Diwali Holi, My school and Myself.

# Addmision in Class-4<sup>th</sup>

#### 1. हिन्दी

- पर्यायवाची, लिंग व उनके भेद, वचन, विलोम शब्द, मुहावरे, वाक्यांश, लेख, मेरी माँ, राष्ट्रीय पक्षी मोर, त्योहार (किसी एक पर)
- पत्र –अवकाश हेतु आवेदन पत्र
- क्रिया, शब्द रचना, संज्ञा तथा सर्वनाम

#### 2. Mathematics

- Numeration and Notation up to 3 digits number and comparison two numbers
- Place value of a digit in 3 digit in 3 numbers.
- Addition, Subtraction of 3 digit numbers
- Multiplication by 2 digit numbers
- Division by 2 digit (1 to 15).
- Problems based on addition subtraction, division and multiplication.
- Money (Addition and Subtraction)
- Measurement of length, weight and volume.

#### 3. Eglish

- Sentecne/ Subject and Predicate/ Rearrange the words.
- Noun, Pronoun, Adjective, verb, Persents & Past Tense, Singular and Plural, Gender, Adverb, Preposition.
  - Opposites: Wet- Dr, Hot-Clod, Tall- Short, etc.
  - Composition : Great Leader, Any Festival, MY school
  - Comprehension
  - Punctuation : Full Stop. Question mark.

- Synonyms such as big-huge, right- Correct etc.
- Application for leave
- Article A, An, The

# Addmision in Class-5<sup>th</sup>

#### 1. हिन्दी

- संज्ञा , सर्वनाम तथा विशेषण, क्रिया विशेषण, संयुक्ताक्षर
- वचन, लिंग, अनेक शब्दों के लिए एक शब्द, पर्यायवाची विलोम तथा मुहावरे
- निबन्ध लेखन (सामाजिक तथा राष्ट्रीय पर्व, मेरा त्योहार वर्तमान प्रधानमंत्री)
- पत्र-लेखन (अवकाश के लिए प्रार्थना पत्र)

#### 2. Mathematics

- Numeration and Notation of numbers up to 5 digit, Comparision of two numbers.
- Place and face value of digits in numbers up to 5 digit
- Addition, Subtraction, Division and multiplication.
- Money- Addition, Subtraction
- Measurement Length, Mass and capacity.
- Time A.m. P.M Conversion of time into 24 hour clock time, addition, subtraction of clock time.
- Decimals-measurement in decimals and problems based on these.
- Perimeter of triangle, rectangle and square.
- Geometry- Lines (Segments, Prependicular, Curves).

# 3. Eglish

- Comprehension Rearrange the words
- Articles, Subject-Predicate, tense present, Past antonyms Synonyms punctuation singular, Pural adjective pronoun, verb, adverb preposition, conjunction, Interjection.
  - Punctuation- Full stop, Comma, Question Mark, apostrophe,
     Joining sentence with Who and Which
  - Composition: On Historical City, Great Leader Historical Monuments, Any Festival
  - Application of leave.

# Addmision in Class-6<sup>th</sup>

#### हिन्दी

- पत्र लेखन , निबन्ध लेखन, अनुच्छेद लेखन (सामाजिक पर्व, राष्ट्रीय पर्व तथा सामाजिक समस्याएँ)
- पर्यायवाची शब्द, विलोम शब्द, मुहावरें का अर्थ तथा उनका वाक्य में प्रयोग।
- व्याकरण— (संज्ञा, सर्वना, विशेषण तथा कारक, काल, लिंग, वचन। समानार्थक शब्द, विराम चिन्ह का ज्ञान)

# 2. English

- Antonyms and Synonyms, Rearrange the words
- Kinds of Sentences
- Tenses: Present/ Past/ Future (Indefinite/ Continous/ Prefect)
- Singular & Plural Words, Gender
- Articles
- Application, Parts of speech, Punctuation
- Essay: Visit of Some place, any game, city, friend, great Leader.
- Comprehension Passages

#### 3. Mathematics

- Long multiplication and division
- Even numbers, odd numbers, prime numbers
- Factor, Multiple, HCF & LCM
- Fraction and Decimals Numbers
- **Measurements** Length weight and Capacity of their addition subtraction, multiplication & division.
- Unitary System
- Profit & Loss( without %)
- Perimeter and area of Square and rectangles, Volume of cube & Cuboid.
- Geometry Construction of and angle 30, 60'45' etc. by protactor

#### **Science & Social Studies**

- Communicable diseases.
- Deficiency of nutrients and its effects.
- Safety and First Aid
- Interdependence in Environment.

- Natural Resources
- Force, Work and Energy
- Some Simple Machines
- Means of Transport and Communication.
- The Globe.
- The story of Freedom struggle
- Natural Disaters.

# Addmision in Class-7<sup>th</sup>

#### 1. हिन्दी

- पत्र लेखन, निबन्ध लेखन (सामाजिक पर्व, राष्ट्रीय पर्व तथा सामाजिक समस्याएं )/ अनुच्छेद लेखन
- पर्यायवाची शब्द, विलोम शब्द, मुहावरों का अर्थ तथा उनका वाक्य प्रयोग।
- संज्ञा, सर्वनाम, विशेषण, कारक, काल, लिंग वचन समानार्थक शब्द तथा विराम चिन्ह।

# 2. English

- Change of Tense
- Change of Sentences (Positive/ Negative/ Intrrogative)
- Article, Rearrange the words
- Conjuction/ Preposition/ Nonu (Number/ gender)/ Pronoun/ Adjective/ Adverb/
- Letter Writing/ Application/ E-mail/ Biography (100-150 words).
- Paragraph Writing (75-100 words) Short Composition (80 words).
- Comprehension

#### 3. Mathematics

- Integers
- Fractions
- Decimals
- Mensuration
- Algebra
- Ratio and Proportion
- Perimter & Area
- Unitary Method
- Angle and Circle

# **Science & Social Studies**

- Introduction to History
- Vedic Age
- Changes around us
- Light, Shadows and reflection
- Electricity and Circuits
- Motion of the Earth
- Latitudes and Longitudes
- Water and its Importance
- Grabage in, Garbege out
- Government

# Addmision in Class-8<sup>th</sup>

# 1. हिन्दी

- क्रिया परिभाषा एवं भेद
- सन्धि की परिभाषा एवं भेद
- पर्यायवाची शब्द, विलोम शब्द, उपसर्ग एवं प्रत्यय
- वारक एवं विभक्ति चिन्ह
- अनेक शब्दों के लिए एक शब्द, मुहावरे एवं लोकोक्तियाँ
- निबन्ध
- पत्र–लेखन

# (b) ENGLISH 02. Articles

01. Change of Tenses

03. Voice (Active and Passive)

04. Prepositions, Adverbs

05. E-mail

06. Biography Writing (100-150 Words)

07. Letter (Formal Informal)

# (c) MATHEMATICS

01. Simple Equations

02. The triangle and its properties

03. Rational Numbers

04. Perimeter and Area

05. Algebraic Expressions

06. Exponents and Powers

# (d) SCIENCE

02. Water A Wonderful Liquid

03. Acid, Base & Salt

04. Light,

05. Heat

06. Fiber to Fabric

07. Electricity and Magnetism

08. Multiplication in Plants

# **ADMISSION IN CLASS-9**<sup>TH</sup>

#### (a) Hindi

1. उपसग

2. प्रत्यय

3. संधि

4. समास

5. मुहावर

6. पर्यायवाची
7. पत्र-लेखन
8. निबंध
(b) ENGLISH
Reading- Unseen passage
Grammar-
01. Tense
02. Voice
03. Article
04. Adjective
05. Preposition
06. Adverb
07. Nouns
08. Pronouns
09. Conjunction
10. Narration
Writing-
01 E-Mail
02. Biography
03. Diary Entry
04. Paragraph (Article)
05. Letter (Formal/ Informal)
(c) MATHS
01. Square and Square Roots
02. Cubes and Cube Roots
03. Algebraic Equation
04. Mensuration
05. Rational Numbers
06. Equation in one Variable
07. Direct and Inverse Proportions

(d) SCIENCE AND TECHNOLOGY

01. Air Pollution and Water Pollution

02. Combustion, Flame and Fuels
03. Light
04. Metals & Non-Metals
05. Pressure
06. Cell structure & function
07. Micro organism
08. Reproduction

# **SYLLABUS FOR ENTRANCE**

# **HUMANITIES:**

# **ENGLISH**

- 1 Bio-Sketch
- 2. E-mail
- 3. Short composition (Articles)
- 4. Formal/informal letters
- 5. Voice
- 6. Speeches
- 7. Tense (verb form) and Non finites
- 8. Syntax (sub-ver-condord)
- 9. Narration
- 10. Omission
- 11. Arrangement of jumbled words/phrases to form meaningful sentences
- 12. Editing Errors
- 13. News Headline completion

# **HISTORY-**

- 1. The French Revolution
- 2. Nazism and the Rise of Hitler
- 3. The Rise of Nationalism in Europe
- 4. Nationalism in India

# **GEOGRAPHY**

- 1. India- Size and location & Physical Features
- 2. Forest and wild life resources.
- 3. Minerals and Energy Resources
- 4. Life Lines of National Economy

# **POL. SCIENCE-**

- 1. Democracy in the Contemporary world
- 2. What is Democracy? Why Democracy?
- 3. Challenges to Democracy
- 4. Working of Institutions

# **ECONOMICS-**

- 1. Sectors of the Indian Economy
- 2. Money and Credit
- 3. Globalization and the Indian Economy
- 4. Consumer Rights

# **SCIENCE GROUP**

#### **Science and Technology**

- 1. Reflection and Refraction of Light
- 2. Current Electricity & effects of electric current (Heating and Magnetic effect)
- 3. Sources of energy
- 4. Chemical Reaction and Some important chemical compound.
- 5. Metal and Non-metal
- 6. Carbon Compound
- 7. Periodic classification of compound
- 8. Acid, base salt -----
- 9. Nutrition and respiration
- 10. Control and co-ordination
- 11. Reproduction —

# **Mathematics**

- 1. Linear equations in two variables
- 2. Quadratic Equation
- 3. Arithmetic Progression

4. Mensuration of solid figures
5. Trigonometry and its applications
6. Similar Triangles
7. Probability
8. Co-ordinate Geometry

# **English: For Class XI Entrance Test (For all streams)**

- 1. Bio-Sketch
- 2. E-mails
- 3. Short composition (Articles)
- 4. Formal/informal letters
- 5. Voice
- 6. Speeches
- 7. Tense (verb form) and Non finites
- 8. Syntax (sub-verb-concord)
- 9. Narration
- 10. Omission
- 11. Arrangement of jumbled words/ phrases to form meaningful sentences
- 12. Editing Errors
- 13. News Head Line completion

# **Social Science (Forest and Wildlife)**

- 1. Land & Soil Resources
- 2. Agriculture
- 3. Mineral and Energy Resources
- 4. Transport, Communication & Trade
- 5. Water Resources
- 6. Manufacturing Industries
- 7. Globalization of Indian Economy
- 8. Sectors of Indian Economy Development
- 9. Money & Credit 10. Consumer Rights

# **Mathematics**

1. Linear equations in two variables

2. Percentage	
3. Ratio and Proportion	
4. Statistics- Mean, Mode and Median	
5. Probability	
6. Trigonometry and its Application	
7. Similar Triangle	