

MODERN VIDYA NIKETAN SCHOOL

ENTRANCE TEST SYLLABUS FOR KG (2019-20)

ENGLISH (K.G.)

A – I

1. Write in Sequence.
2. Dictation / Drill
3. Match the Capital with Cursive Letters.
4. Match the picture with letter.
5. Complete the series. (Missing Letters)

MATHS (K.G.)

1 – 30

1. Write in sequence (21 to 30)
2. Dictation / Drill
3. Count & Write / Count & Match
4. Missing Numbers (11 to 20)
5. Draw objects for the given number / Match the objects to the correct number .

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ENTRANCE TEST SYLLABUS FOR GRADE – I (2019-20)

ENGLISH

- Dictation of three letter words and ell, all and ill words (4 letters)
- Matching of words with the pictures (3 letter words) and all, ell, ill words
- Fill in the blank with correct vowel
- Write the rhyming words for the given words
- Name the picture
- Sentences with This/ That
- Picture reading (for oral interaction)

**NOTE : The above mentioned topics are to be covered with vowels : a, e, i, o, u
(e.g. man, pin, hot, ball, tell, pill)**

MATHEMATICS

- Counting 1 to 100 (complete the series)
- Backward counting (20-1)
- Tell the time (O'clock)
- Two digit addition (without carrying)
- What comes after, before, between (1-20)
- Patterns (AB AB and AA BB)
- Number names (1-10)
- Single digit subtraction (without borrowing)

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ENTRANCE TEST SYLLABUS FOR GRADE – II (2019-20)

ENGLISH

- Nouns
- Punctuation
- Rhyming words
- Singular/ Plural
- is / am / are
- Articles a/an
- This/ That/ These/ Those
- Compound Words
- Has/Have
- Action Words
- Preposition

MATHEMATICS

- Complete the series (upto 200)
- Write in words (upto 200)
- Write in figures (upto 200)
- Reverse counting (100-1)
- Abacus (upto 200)
- After, before, between (upto 100)
- Addition (Simple and carry over)
- Put signs $>=<$ (upto 100)
- Tables of 2, 5 and 10
- Ordinal Numbers (upto 10)
- Skip Counting by 2, 5 and 10
- Ascending and Descending order
- Place and Place value (upto 100)
- Expanded and short form (upto 100)
- Calendar
- Times (O'clock and Half Past)
- 2D and 3D Shapes

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ENTRANCE TEST SYLLABUS FOR GRADE – III (2019-20)

ENGLISH

- Nouns (Common and Proper)
- Singular / Plural
- Punctuation
- Simple Present Tense + Present Continuous Tense
- Prefix – Suffix
- Articles
- Compound words
- Unseen Passage
- Pronouns
- Conjunctions

MATHEMATICS

1. Numbers up to 999.
 - Write in words / figures
 - Count by 2, 5 and 10
 - Building numbers
 - Place, Place-value, Face value
 - Expanded Form / Short Form
 - Ascending / Descending order, Put signs (<, >, =)
 - Number before / after
2. Addition
 - Properties of addition
 - Word Problems of addition
3. Subtraction
 - Subtract and check
 - Properties of subtraction
 - Word Problems of subtraction
4. Plane Shapes, Types of Line, Line Segment.
5. Tables 2 to 8
6. Multiplication (with word problem)
7. Measurement

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ENTRANCE TEST SYLLABUS FOR GRADE – IV (2019-20)

ENGLISH

SECTION - A

- Nouns (Common, Proper, Collective)
- Contraction
- Punctuation
- To be verbs
- Adjectives and their degrees
- Tenses
- Sentence and its types
- Conjunctions
- Pronouns
- Articles

SECTION - B

- Unseen Passage
- Paragraph

MATHEMATICS

Numbers 4 digit number

- Write in words / figures
- Comparison of Numbers
- Place, Place Value, Face value
- Expanded form / Short form
- Building Numbers
- Round to the nearest ten

Addition

- Arrange and add
- Word problems on addition

Subtraction

- Subtract and check
- Word problem on subtraction
- Properties of subtraction

Geometry

- Plane shapes
- Solid shapes

Multiplication

- Multiplication with 2 digit number
- Multiplication with 10,100 and 1000 and their multiplies
- Word problems on multiplication

Division

- Divide and check
- Division by 10, 100 , 1000
- Word problems on division

Telling the time and reading calendar

SCIENCE

- Living and Non-living things
- Plants and Animals
- Parts of a plant
- Animals and their feeding habits
- Air and Water
- Our Body
- Soil- A Natural Wonder

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ENTRANCE TEST SYLLABUS FOR GRADE – V (2019-20)

ENGLISH

SECTION-A

- Nouns
- Articles
- Subject –Predicate
- Jumbled sentences
- Punctuation
- Conjunctions
- Preposition
- Tenses-Present Tense
- Adverbs

➤ **SECTION-B**

- Unseen Passage
- Paragraph

MATHEMATICS

- Number system : 6-digit and 7- digit number
 - Write in words / figures using Indian as well as International place value chart
 - Comparison of numbers
 - Expanded form / Short form, Place, Place value and Face value
 - Building numbers
 - Successor / Predecessor
- Four basic operations :
 - Addition
 - Subtraction
 - Multiplication
 - Division
 - Properties of Addition, Subtraction, multiplication and Division
 - Word problems based on four basic operation.
- Unitary method
- Basic Geometrical concepts (Lines, Line segment, Ray, Polygons, type of triangles, angles)
- Factors and Multiples
- Money

GRADE –V

GENERAL SCIENCE

- Leaves – The food factory of plants
- States of matter
- Our Universe
The solar system, Stars, Planets, Satellites, The Earth, Rotation and Revolution- changes in season
- Adaptation in Animals
- Reproduction in Animals
- Teeth and Digestion
- Weather, Air and Water

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ENTRANCE TEST SYLLABUS FOR GRADE – VI (2019-20)

ENGLISH

SECTION-A

- Jumbled sentence
- Articles
- Prepositions
- Adverbs
- Conjunctions
- Punctuation
- Tenses
- Adjectives

SECTION-B

- Unseen Passage / Poem
- Paragraph

MATHEMATICS

- Numbers :
 - 8 digit numbers : Write in words and figures using Indian and International place value chart
 - Comparison of numbers
 - Building of Numbers
 - Successor / Predecessor
 - Expanded form / Short form
 - Place, Place value and Face value
- Four basic operations
 - Word problems based on same
- Simplification of whole numbers
- Factors and multiples
 - Prime factorisation
 - H.C.F and L.C M
- Fractions
 - Types of fraction
 - Comparison of fraction
 - Addition and subtraction of fraction
 - Multiplication and Division of fraction
- Lines and angles
 - Types of lines
 - Line/ Line segment / Ray

- Angle
- Type of Angle
- Construction of Angle using protractor
- Four operations on decimals
- Average
- Measurement
- Profit and Loss

GENERAL SCIENCE

- Good Health
(Nutrients, Balanced diet, Exercise and diet, Diseases)
- The Skeletal and Muscular System
(The skeletal system, Joints, Muscles)
- The Nervous System
(Reflex actions, Sense Organs)
- Safety and First Aid
(First Aid, Preventing poisoning, Safety from fire)
- Animals in their surroundings
- Reproduction in Plants
- Air and Water
- More about force, energy and simple machines

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ENTRANCE TEST SYLLABUS FOR GRADE – VII (2019-20)

ENGLISH

- Narration (Assertive)
- Voice (Assertive)
- Tenses
- Prepositions
- Conjunctions
- Degrees of Comparison
- Editing
- Paragraph
- Affixes
- Personal letter / Letter to the Principal

SCIENCE

- Components of food
- Fibre to fabric
- Sorting materials into groups
- Separation of substances
- Motion and Measurement of Distances
- Electricity and Circuits
- Magnetism
- Getting to know plants
- Body movement

MATHS

- Ratio and Proportion
- Whole numbers
- Playing with numbers
- Basic Geometrical Ideas
- Fractions
- Decimals
- Integers
- Algebra

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ENTRANCE TEST SYLLABUS FOR GRADE – VIII (2019-20)

ENGLISH

- Narration
- Voice
- Tenses
- Subject Verb Agreement
- Prepositions
- Conjunctions
- Informal letter
- Paragraph
- Infinitives
- Omission / Editing

MATHS

- Comparing Quantities
- Perimeter and Area
- Rational Numbers
- Exponents and Powers
- Linear equations in one variable
- Pairs of angles and parallel lines
- The triangle and its properties

SCIENCE

- Nutrition in plants
- Nutrition in animals
- Fibre to Fabric
- Respiration in living organism
- Heat and its effect
- Acids, Bases and Salts
- Physical and chemical changes
- Electric current and its effect
- Time and motion

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ENTRANCE TEST SYLLABUS FOR GRADE – IX (2019-20)

ENGLISH

Tenses	Reported speech
Prepositions	Connectors
Voice	Omission
Jumbled Sentences	Subject verb Agreement
Diary entry	Story writing

MATHEMATICS

- Rational Numbers
- Powers & Exponents
- Square and square roots
- Cube and cube roots
- Linear equation in one variable
- Algebraic expression
- Comparing quantities
- Factorization

SCIENCE

Physics

- Light
- Force & Pressure
- Friction
- Sound

Chemistry

- Metals & Non – Metals
- Chemical effects of electric current
- Pollution of Air & Water
- Coal and Petroleum

Biology

- Cell- structure & function
- Crop Management & Production
- Micro-organisms-Friends or Foe
- Reproduction in animals