

**JSS PUBLIC SCHOOL, NOIDA**  
**ADMISSION TEST SYLLABUS 2020 -21**

**CLASS - IX**

**SUB. MATHS**

1. RATIONAL NUMBERS
2. LINEAR EQUATIONS IN ONE VARIABLE
3. UNDERSTANDING QUADRILATERALS
4. DATA HANDLING
5. COMPARING QUANTITIES
6. ALGEBRAIC EXPRESSIONS AND IDENTITIES
7. FACTORISATION
8. EXPONENT AND POWERS
9. DIRECT AND INVERSE PROPORTION
10. MENSURATION

**SUB.SCIENCE**

1. CROP PRODUCTION  
Crop plants,Methods of crop production,Nitrogen cycle,Food from animals
2. MICROORGANISMS  
Types of Microorganisms,Useful Microorganisms,Harmful Microorganisms,Food preservation
3. METALS AND NON-METALS  
Properties of metals and non-metals,The reactivity series of metals,Uses of metals and non-metals
4. COMBUSTION AND FLAME  
Combustion,Extinguishing a fire,Flame,Fuels,Impact of burning fuels in the environment
5. CELL STRUCTURE AND FUNCTIONS  
Unicellular and multicellular organisms,Plant and animal cells,Growth and division
6. FORCE AND PRESSURE  
Types of force and its effects,Pressure,Pressure exerted by the liquids,Atmospheric pressure
7. SOUND  
Propagation of sound waves,Functioning of human ear,Musical sound and noise
8. CHEMICAL EFFECTS OF ELECTRIC CURRENT  
Electric current,Conduction of electricity through liquids,Electrolysis,Electroplating

**SUB.ENGLISH**

1. Comprehension Exercise
2. Letter Writing(Formal & Informal)
3. Diary Entry
4. Story Writing
5. Sentences
6. Parts of Speech
7. Tenses
8. Voices
9. Narration
10. Integrated Grammar

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**CLASS - VIII**

**SUB. MATHS**

1. Integers
  2. Fractions & Decimals
  3. Simple Equations
  4. lines and Angles
  5. The triangle and its properties
  6. Congruence of Triangles
  7. Comparing Quantities
  8. Rational Numbers
  9. Exponent & Powers
  10. Perimeter & Area
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**SUB.SCIENCE**

1. Nutrition in plants
2. Nutrition in Animals
3. Heat
4. Acid, Bases and Salts
5. Physical and chemical changes
6. Motion and time
7. Electric current and its effects

**SUB.ENGLISH**

1. Comprehension Exercise
2. Letter Writing(Formal & Informal)
3. Diary Entry
4. Notice Writing
5. Sentences
6. Parts of Speech
7. Tenses
8. Voices

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**CLASS - VII**

**SUB. MATHS**

1. PLAYING WITH NUMBERS
2. BASIC GEOMETRICAL IDEAS
3. UNDERSTANDING ELEMENTARY SHAPES
4. INTEGERS
5. FRACTIONS
6. DECIMALS
7. MENSURATION
8. ALGEBRA
9. RATIO AND PROPORTION
10. PRACTICAL GEOMETRY

**SUB.SCIENCE**

1. Physical, Chemical, Reversible and Irreversible Changes
2. **Flowering Plants:-** Parts and Functions
3. **Human Skeletal System:-** Joints and Movements
4. Type of Motion and Standard Units of Measurement
5. Electricity and Circuits
6. Magnets
7. Light, Shadows and Reflections

**SUB.ENGLISH**

1. Degree Of Adjectives
2. Kinds Of Sentences
3. Conjunctions
4. Prepositions
5. Verbs
6. Active – Passive Voice
7. Tenses (Simple Present, Simple Past, Simple Future, Present Continuous Tense And Past Continuous Tense)
8. Letter Writing
9. Paragraph Writing
10. Unseen Comprehension

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**CLASS - VI**

**SUB. MATHS**

- L-1 Large Numbers
- L-2 The Four Fundamental Operations
- L-3 Factors And Multiple
- L-4 Fractions
- L-5 Decimals
- L-6 Percentage
- L-7 Geometry
- L-8 Perimeter, Area And Volume
- L-10 Time
- L-11 Money
- L-13 Data Handling

**SUB.SCIENCE**

- 1. Plants:** - Germination and dispersal of seeds
- 2. Food and Health:** - Balanced diet, Diseases
- 3.** Solids, Liquids and Gases, Physical and Chemical Changes
- 4.** Our Skeletal System – Joints, Muscles
- 5.** Our Nervous System and Sense Organs
- 6.** Force and Energy, Simple Machines, Law of conservation of energy

**SUB.ENGLISH**

1. Nouns
2. Pronouns
3. Adjectives
4. Verbs
5. Kinds of sentences
6. Conjunctions
7. Prepositions
8. Tenses (Simple present, simple past, simple future)
9. Paragraph Writing
10. Unseen Comprehension

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**CLASS - V**

**SUB. MATHS**

Ch 1-Large Numbers

Ch2-Addition

Ch3- Subtraction

Ch 4-Multiplication

Ch5- Division

Ch 6- Factors and Multiples

Ch 7-Understanding fractions

Ch 8- Geometry

Ch12- Patterns

Ch13- Datahandling

**SUB.ENGLISH**

1. Comprehension

2. Paragraph Writing

3. Sentences

4. Nouns and Pronouns

5. Adjectives

6. Articles

7. Verbs

8. Prepositions

9. Tenses

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**CLASS - IV**

**SUB. MATHS**

Ch 1-Numbers

Ch2-Addition

Ch3- Subtraction

Ch 4-Shapes

Ch5- Multiplication

Ch 6- Division

Ch 7-Fractions

Ch 9- Time

Ch10- Money

Ch11- Patterns

**SUB.ENGLISH**

1. Comprehension

2. Paragraph Writing

3. Sentences

4. Nouns and Pronouns

5. Adjectives

6. Articles

7. Verbs

8. Prepositions

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**CLASS - III**

**SUB. MATHS**

- 1) Numbers
- 2) Addition
- 3) Subtraction
- 4) Multiplication 5) Division
- 6) Shapes
- 7) Fractions
- 8) Time
- 9) Tables

**SUB. ENGLISH**

1. The Alphabet
2. Sentences
3. Nouns
4. Verbs
5. Articles
6. Pronouns
7. Adjectives
8. Prepositions
9. Comprehension

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**CLASS - II**

**SUB. MATHS**

- 1) Numbers
- 2) Addition
- 3) Subtraction
- 4) Shapes
- 5) Working till 100
- 6) Multiplication
- 7) Time
- 8) Tables 1-5

**SUB. ENGLISH**

1. The Alphabet
2. Nouns
3. Verbs
4. Articles
5. Pronouns
6. Adjectives
7. Picture Composition



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**CLASS - I**

**SUB. MATHS**

- Counting 1-200 (under HTO Format)
- Backward Counting 1-50 (Under TO format)
- What comes after, before and between (up to 50)
- Put the sign of  $>$ ,  $<$ ,  $=$ (up to 50)
- Number names 1-10
- Ascending and Descending Order
- Addition (single digit)
- Subtraction (Single Digit)

**SUB.ENGLISH**

- Three letter words (Vowels a,e,i,o,u)
  1. Circle the correct word
  2. Look at the picture and write the word
  3. Read the word and draw the picture
  4. Fill in the missing letter
  5. Rhyming words
- Concept of 'in' and 'on'
- Concept of 'This' and 'That'
- Use of 'a' and 'an'
- Concept of one and many