



VIDYA DEVI JINDAL SCHOOL, HISAR
APTITUDE ASSESSMENT FOR ADMISSION (2024-25)
SYLLABUS

CLASS IV

SUBJECT: ENGLISH(Maximum Marks: 20)

1. Reading Skills: Unseen Passage: (4 MCQs + 2 objective questions to be answered in 20-30 words+ 1 vocabulary) 7 marks
2. Writing: Paragraph Writing **in 60 words**. (Picture Description, Guided Writing, Simple Topics): 5 marks
3. Grammar: Topics: Nouns, Kinds of Nouns, Pronouns, Kinds of Pronouns, Adjectives, Degrees of Adjectives, Verbs, Preposition Articles a, an, or the: 5 marks **(10 sentences = 0.5 mark each)**
4. Jumbled sentences: 3 marks

SUBJECT: MATHEMATICS (Maximum Marks: 20)

Four Digit Numerals: Number Name for the Numeral, Numeral for the Number Name. Basic Operations: Addition and Subtraction (3,4 Digit Number), Multiplication (2 X 1digit and 3x2 Digit) and Division (2, 3 Digit By 1 Digit). Word Problems, Money, Pictorial Representation of Data.

CLASS V

SUBJECT: ENGLISH(Maximum Marks: 20)

1. Reading Skills: Unseen Passage: (4 MCQs + 2 objective questions to be answered in 20-30 words+ 1 vocabulary) 7marks
2. Writing: Paragraph Writing **in 70 words**. (Picture Description, Guided Writing, Simple Topics): 5 marks
3. Grammar: Topics: Nouns, Kinds of Nouns, Pronouns, Kinds of Pronouns, Adjectives and degrees of Adjectives, Verbs, Adverbs, Prepositions, Articles: a, an or the and Conjunctions: 5 marks **(10 sentences = 0.5 mark each)**
4. Jumbled sentences:3 marks

SUBJECT: MATHEMATICS (Maximum Marks: 20)

Number System, Addition , Subtraction , Multiplication, Division, Factors and Multiples, Fractional Numbers, Addition and Subtraction of Fractions(With Same Denominator),Patterns,Money, Time, Simple Unitary Method, Change of Units of the following: Km to Metre, Metre to Cm, Kg to Gram, Litre to Millilitre.

CLASS VI

SUBJECT: ENGLISH(Maximum Marks: 20)

1. Reading Skills :Unseen Passage: (4 MCQs + 2 objective questions to be answered in 20-30 words+ 1 vocabulary) 7 marks
2. Writing: Informal Letter **in 80 words** : 5 marks
3. Grammar: Nouns (Common/Proper), Adjectives, Pronoun, Verb and Adverb, Preposition, Articles: a, an or the and Conjunctions , Simple Tenses 5 marks(**10 sentences = 0.5 mark each**)
4. Jumbled sentences: 3 marks

SUBJECT: MATHEMATICS (Maximum Marks: 20)

Numbers & Numeration (Addition & Subtraction (5-6 Digits),Multiplication & Division(3-4 Digits By 2 Digit Numbers) Shapes & Angles, Fractions, Factors & Multiples, Decimals, Multiplication & Division, Patterns, Data Handling, Simplification Using Dmas.

SUBJECT: SCIENCE(Maximum Marks: 20)

SNO	NAME	INSIGHTS OF THE TOPICS
1	Super Senses	Sense Organs and Animal Senses
2.	Tasting to digesting	Process of Digestion
3.	Seeds and seeds	Seed Germination and Seed Dispersal
4.	Experiment with water	Floating & Displacement Soluble and insoluble
5.	What if it finishes...?	Coal , Petroleum
6.	Blow hot Blow cold	Air components & properties Respiration & breathing
7.	A seed tells a farmer's story	Agricultural Practices introduction Agriculture & modernisation
8.	Whose Forests?	Ecosystems introduction Deforestation
9.	A Treat for mosquitoes	Malaria & mosquitoes Safeguarding against Mosquitoes.
10.	Mangoes Round the year	Food Preservation

CLASS VII

SUBJECT: ENGLISH(Maximum Marks: 20)

1. Reading Skills :Unseen Passage: (4 MCQs + 2 objective questions to be answered in 20-30 words+ 1 vocabulary) 7 marks
2. Writing Skills: Paragraph Writing /Picture Composition/Story Writing **in 100 words**: 5 marks
3. Grammar: Nouns, Kinds of Nouns, Pronouns, Kinds of Pronouns, Adjectives and degrees of Adjectives, Verbs, Adverbs, Prepositions, Articles: a, an or the, Conjunctions, Tenses (Simple, Continuous): 5 marks
(10 sentences = 0.5 mark each)
4. Jumbled sentences: 3 marks

SUBJECT: MATHEMATICS (Maximum Marks: 20)

Number System, Algebra, Ratio and Proportion, Geometry, Mensuration, Data Handling ,
Simplification Using Bodmas

SUBJECT: SCIENCE(Maximum Marks: 20)

- Chapter 1: Components of Food
- Chapter 2: Sorting Materials and Groups
- Chapter 3: Separation of Substances
- Chapter 4: Getting to Know Plants
- Chapter 5: Body Movement
- Chapter 6: The Living Organisms – Characteristics and Habitats
- Chapter 7: Motion and Measurement of Distances
- Chapter 8: Light, Shadows and Reflections
- Chapter 9: Electricity and Circuits
- Chapter 10: Fun with Magnets

CLASS VIII

SUBJECT: ENGLISH(Maximum Marks: 20)

1. Reading Skills: Unseen Passage: (4 MCQs + 2 objective questions to be answered in 20-30 words+ 1 vocabulary) 7 marks
2. Writing Skills: Informal Letter **in 120 words**: 5 marks
3. Grammar: Parts of Speech, Tenses (Simple, Continuous, Perfect), subject verb agreement: 5 marks
(10 sentences = 0.5 mark each)
4. Sentence Reordering: 3 marks

SUBJECT: MATHEMATICS (Maximum Marks: 20)

Integers, Fractions, Decimals, Rational Numbers, Power And Exponents, Algebraic Expressions, Linear Equations, Ratio and Proportion, Percentage and its Applications, Lines and Angles, Properties of Triangles, Congruence of Triangles, Perimeter and Area, Data Handling, Probability

SUBJECT: SCIENCE(Maximum Marks: 20)

- Chapter 1: Nutrition in Plants
- Chapter 2: Nutrition in Animals
- Chapter 3: Heat
- Chapter 4: Acids, Bases and Salts
- Chapter 5: Physical and Chemical Changes
- Chapter 6: Respiration in Organisms
- Chapter 7: Transportation in Animals and Plants
- Chapter 8: Reproduction in Plants
- Chapter 9: Motion and Time
- Chapter 10: Electric Current and its Effects
- Chapter 11: Light
- Chapter 12: Forests: Our Lifeline

CLASS IX

SUBJECT: ENGLISH (Maximum Marks: 20)

1. Reading Skills : Unseen Passage: (4 MCQs + 2 objective questions to be answered in 20-30 words+ 1 vocabulary) 7 marks
2. Writing Skills: Short Story in 120-150 words 5 marks
3. Grammar: Determiners, Modals (may, might, shall, should, can, could, ought to, will, would) Tenses (Simple, Continuous, Perfect): 5 marks **(10 sentences = 0.5 mark each)**
4. Sentence Reordering: 3 marks

विषय : हिंदी(Maximum Marks: 20)

1. अपठित गद्यांश, पद्यांश
2. व्याकरण -
 - क्रिया-विशेषण
 - अर्थ के आधार पर वाक्य
 - स्वर संधि
 - समास
3. रचनात्मक लेखन- कौशल
 - अनुच्छेद-लेखन
 - औपचारिक/अनौपचारिक पत्र
 - संवाद-लेखन

SUBJECT: MATHEMATICS (Maximum Marks: 20)

Rational Numbers, Linear Equation in Two Variables, Understanding Quadrilaterals, Squares and Square Roots, Cubes and Cube Roots, Algebraic Expressions and Identities, Mensuration, Exponents and Powers, Factorisation

SUBJECT: SCIENCE (Maximum Marks: 20)

Crop Production and Management, Microorganisms: Friend and Foe, Coal and Petroleum, Combustion and Flame, Conservation of Plants and Animals, Reproduction in Animals, Reaching the Age of Adolescence, Force and Pressure, Friction, Sound, Chemical Effects of Electric Current, Light

SUBJECT: SOCIAL SCIENCE(Maximum Marks: 20)

1. Indian constitution
2. Why do we need a parliament
4. How, when and where
5. From trade to territory – the company establishes power
6. Ruling the countryside
7. When people Rebel in 1857 and after
8. Resources
9. Land , soil , water , natural resources and wildlife resources
10. Agriculture

CLASS X

SUBJECT: ENGLISH(Maximum Marks: 20)

1. Reading Skills : Unseen Passage: (4 MCQs + 2 objective questions to be answered in 20-30 words+ 1 vocabulary) 7 marks
2. Writing Skills: Story Writing or Descriptive paragraph writing (person, situation, event with cues) in **120 words** 5 marks
3. Sentence Reordering: 3 marks
4. Grammar: Reported Speech (Statement, Interrogative, Imperative: Command & Request), Modals (shall, should, can, could, may, might, will, would), Tenses, Determiners, subject-verb concord
(10 sentences = 0.5 mark each)

विषय : हिंदी(Maximum Marks: 20)

1. अपठित गद्यांश
2. व्याकरण -
 - शब्द और पद
 - अनुस्वार- अनुनासिक
 - उपसर्ग-प्रत्यय
 - अर्थ के आधार पर वाक्य एवं वाक्य परिवर्तन
 - स्वर संधि
3. रचनात्मक लेखन- कौशल
 - अनुच्छेद-लेखन
 - अनौपचारिक-पत्र-लेखन
 - संवाद-लेखन

SUBJECT: MATHEMATICS (Maximum Marks: 20)

Number Systems, Polynomials., Coordinate Geometry, Lines and Angles, Quadrilaterals, Circles, Heron's Formula, Surface Areas and Volumes

SUBJECT: SCIENCE (Maximum Marks: 20)

BIOLOGY: The fundamental unit of life, Tissues

CHEMISTRY: Chemical reactions and equations, Acids, bases & salts, Metals and Non-Metals

PHYSICS: Motion, Force and Laws of Motion, Gravitation, Work and Energy

SUBJECT: SOCIAL SCIENCE(Maximum Marks: 20)

History: French revolution , Russian revolution or Nazism in Germany

Civics: What is democracy , Constitutional design

Geography: India: Physical features ,. India- Size and location

Economics : People as a resource

CLASS XI

SUBJECT: ENGLISH(Maximum Marks: 30)

1. Reading Skills: Unseen Passage: (4 MCQs + 4 objective questions to be answered in 20-30 words+ 2 vocabulary) 10 marks
2. Formal Letter Writing: (Placing an Order/Enquiry/Letter to Editor) in 120 words : 5 marks
3. Analytical Paragraph Writing (a given Map / Chart / Graph / Cue/ s) in 120 words : 5 marks
4. Grammar (Determiners/Subject Verb Agreement/Tenses/Reported Speech/Modals) : **10 sentences= 1 mark each**)

SUBJECT: MATHEMATICS (Maximum Marks: 30)

Real Numbers, Polynomials, Linear Equations, Coordinates Geometry, Quadratic Equations, Trigonometry, Arithmetic Progression