

TOPICS COVERED IN CLASS VI: MATHEMATICS

Total Question – 50

Max Marks – 150

S No	Topics	S No	Topics
1	Natural Numbers	14	Conversion of Units
2	LCM and HCF	15	Roman Numerals
3	Unitary Method	16	Types of Angles
4	Fractions	17	Circle
5	Ratio and Proportion	18	Volume of Cube and Cuboids
6	Profit and Loss	19	Prime and Composite Numbers
7	Simplification	20	Plane Figures
8	Average	21	Decimal Numbers
9	Percentage	22	Speed and Time
10	Area and Perimeter	23	Operation on Numbers
11	Simple Interest	24	Complementary and Supplementary Angles
12	Lines and Angles	25	Arranging of Fractions
13	Temperature		

TOPICS COVERED IN CLASS VI: INTELLIGENCE

Total Question – 25

Max Marks - 50

Questions on Intelligence will be based on analogies (mathematical & verbal), pattern (spatial and mathematical), classification, visual, logical, reasoning etc.

TOPICS COVERED IN CLASS VI: LANGUAGE (ENGLISH)

Total Question – 25

Max Marks - 50

S No	Topics	S No	Topics
1	Comprehension Passage	14	Sentence Formation
2	Preposition	15	Antonyms
3	Article	16	Synonyms
4	Vocabulary	17	Adjectives
5	Verbs and Type	18	Interjection
6	Confusing Words	19	Idiom and Phrases
7	Question Tags	20	Collective Nouns
8	Types of sentence	21	Number
9	Tense forms	22	Gender
10	Kinds of Nouns	23	Adverbs
11	Kinds of Pronouns	24	Rhyming Words
12	Correct Spelling	25	Singular/Plural
13	Ordering of words in sentence		

TOPICS COVERED IN CLASS VI: LANGUAGE (HINDI)

Total Question – 25

Max Marks – 50

S No	Topics	S No	Topics
1	.गद्यांश	13	क्रिया विशेषण की पहचान
2	विशेषण की पहचान	14	वचन बदलना
3	संज्ञा के भेदों की पहचान	15	अर्थ के आधार पर वाक्य भेद
4	.मुहावरे	16	वाच्य परिवर्तन
5	श्रुतिसमभिन्नार्थक शब्द	17	सर्वनाम की पहचान
6	अशुद्धिशोधन (वाक्य)	18	काल
7	विलोम शब्द	19	लिंग बदलना
8	पर्यायवाची शब्द	20	वर्ण विचार
9	संधि	21	वाक्य विचार
10	समास	22	लोकोक्तियाँ
11	.क्रिया	23	वर्तनी शुद्धि
12	उपसर्ग	24	प्रत्यय

TOPICS COVERED IN CLASS VI: LANGUAGE (REGIONAL)

Total Question – 25

Max Marks - 50

Questions in the language (regional) section will be based on topics dealt till Class V;

TOPICS COVERED IN CLASS VI: GENERAL KNOWLEDGE

Total Question – 25

Max Marks – 50

S No	Topics	S No	Topics
1	Different Types of Scientific Devices Used in Daily Life.	15	Concepts on Mountain Terrain and Lifestyle
2	Icons and Symbols of India: National Insignia, National Emblem, Sports, Animal etc. (Elementary awareness of such symbols)	16	Historical Monuments
3	Major Religions of India (Elementary awareness about founder, place of origin, religious books and important ideas)	17	Shape of Earth and Gravitation (Basic concepts)
4	Art and Culture (Music, Classical and Folk Dance); Renowned Personalities, Instrumental and Vocal Music, Major Dance Forms	18	Non-Renewable Energy Sources (Fossil Fuels)
5	Defence (Equivalent Ranks in three services, Weapons, Aircraft, Missiles & Warships (Elementary awareness))	19	Food, Culture, Habitat, Languages etc of various regions (Basic concepts)
6	Sports and Games (India & World). Renowned personalities, major competitions and trophies associated with various games	20	Names of young ones of different animals
7	Super Senses (How do plants and animals sense their surroundings)	21	Functions of Body Parts of Plants and Animals
8	Relationship between Animals and Human Beings	22	International Organizations: Basic knowledge about structure, functioning and objectives of United Nations, World Bank etc.
9	Taste and Digestion (Basic concepts)	23	Indian Literary and Cultural Personalities: Names and fields of achievements
10	Cooking and Preserving Techniques	24	Indian Literary and Cultural Awards. (Names of the awards and recent recipients)
11	Germination and Seed Dispersal	25	Natural Calamities (Flood and Earthquake)
12	Traditional Water Harvesting Techniques	26	Evaporation, Condensation and Water Cycle (Basic concepts)
13	Experiment with Water on Everyday Life	27	Life of Farmers (Farming techniques)
14	Water Pollution and Microbial Diseases	28	Tribal Communities and Forest Produce

APPENDIX III

TOPICS COVERED IN CLASS IX: MATHEMATICS

Total Questions - 50

Max Marks –200

S No	Topics	S No	Topics
1	Rational Numbers	16	Average, Median, Mode
2	Linear Equations in One Variable	17	Probability
3	Understanding Quadrilaterals	18	Pie Chart
4	Data Handling (Bar Graph and Line Graph)	19	Direct & Inverse Proportions
5	Squares and Square Roots	20	Factorizations
6	Cubes and Cube Roots	21	Introduction to Graph
7	Comparing Quantities (Percentage, Profit and Loss)	22	Unitary Method
8	Algebraic Expressions and Identities	23	Divisibility Exam
9	Area and Perimeters	24	Triangles (Angle Sum Property)
10	Volumes and Surface Areas	25	Parallel Lines
11	Exponents and Powers	26	Simple Interest and Compound Interest
12	Playing with Numbers	27	Time and Work
13	Visualizing Solid Shapes	28	Area and Perimeter of Circles
14	Triangles (Pythagoras Theorem)	29	Algebraic Expression (Addition, Subtraction, Multiplication, Division)
15	Euler's Formula		

TOPICS COVERED IN CLASS IX: INTELLIGENCE

Total Question – 25

Max Marks – 50

Questions on Intelligence will be based on analogies (mathematical & verbal), pattern (spatial and mathematical), classification, visual, logical, reasoning etc.

TOPICS COVERED IN CLASS IX: ENGLISH

Total Question – 25

Max Marks – 50

S No	Topics	S No	Topics
1	Spotting Errors	17	Sentence Improvement
2	Comprehension Passage	18	Change of sentence as directed
3	Antonyms	19	Sentence Formation
4	Synonyms	20	Types of Sentences
5	Prepositions	21	Phrase and Clauses
6	Articles	22	Kinds of Noun
7	Types of Verbs	23	Adjectives
8	Tense Form	24	Interjection
9	Narration	25	Question Tags
10	Voices	26	Adverbs
11	Modals	27	Conjunctions
12	Confusing Words	28	Conditions
13	Subject- Verb Agreement	29	Comparison of Adjectives
14	Correct Spellings	30	Personal Pronoun
15	Order of words in a sentence	31	Change of Gender
16	Idioms and Phrases	32	Change of Number

TOPICS COVERED IN CLASS IX: GENERAL SCIENCE

Total Question – 25

Max Marks – 50

S No	Topics	S No	Topics
1	Fossil Fuel: Coal and Petroleum	14	Micro-Organisms
2	Combustion and Flame	15	Some Natural Phenomenon
3	Cell Structure and Function	16	How to find calorific value of fuel?
4	Reproduction in Plants and Animals	17	Electroplating and Artificial Jewellery
5	Force, Friction and Pressure	18	Relation between types of friction.
6	Sound and its basics	19	Cropping Seasons
7	Reflection and Dispersion of Light	20	Agricultural Practices
8	Metals and Non Metals	21	Conservation of Plants and Animals
9	Synthetic Fibres and Plastics	22	Biosphere Reserves, National Parks and Sanctuaries
10	Chemical Effects of Electric Current	23	Reaching the age of Adolescence
11	Stars and Solar Systems	24	Changes during Puberty
12	Pollution of Air and Water	25	Endocrine Glands and Hormones
13	Global Warming		