

APPENDIX III

(Refers to Para 4.6 of Information Bulletin 2024)

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 Fibers 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		

TOPICS COVERED IN CLASS IX: SOCIAL SCIENCE

Total Question– 25

Max Marks–50

S No	Topics	S No	Topics
1.	Revolt of 1857	20.	Interior of Earth
2.	Freedom Fighters	21.	Climate Change
3.	Important Freedom Movements	22.	Earthquakes and Major Land Forms
4.	Social and Caste Reforms	23.	Types of Rainfall
5.	Resources and sustainable development	24.	Major Grasslands
6.	Rock cycle of water cycle	25.	Types of Forests
7.	Pressure and Wind System	26.	Means of Transport
8.	Land Soil and Water Resources	27.	Communication
9.	Minerals and Power Resources	28.	Life in deserts
10.	Indian Constitution and Secularism	29.	Panchayat System
11.	Importance of Parliament	30.	Local Self Government
12.	Types of Agriculture	31.	Law and Social Justice.
13.	Types of Government and Different tiers of Government	32.	Judiciary and Criminal Justice System
14.	Understanding Markets	33.	Marginalisation
15.	Elections	34.	Public Facilities
16.	Role of Government in Health	35.	Natural Vegetation and Wildlife
17.	Delhi Sultanate	36.	Industries
18.	Mughals	37.	Human Resources
19.	Bhakti and Sufi Movement	38.	Changes in the Arts