SAINIK SCHOOL ENTRANCE EXAM (AISSEE) PATTERN FOR CLASSES 6

& 9

DURATION OF EXAMINATION:

Exam for admission to	Duration
VI Std	150 minutes
IX Std	180 minutes

SCHEME OF EXAMINATION:

Mode of Examination: Paper pencil on OMR answer sheets for admission to both Class VI and Class IX.

Type of Questions: Multiple Choice Questions Scheme of Examination is as follows:

For VI Std

Section	Topic	No. of Questions	Marks for each Correct answer	Total marks
Α	Language	25	2	50
В	Mathematics	50	3	150
С	Intelligence	25	2	50
D	General Knowledge	25	2	50
	Total	125		300

There is no negative mark for a wrong response.

For IX Std

Section	Topic	No. of Questions	Marks for each Correct answer	Total marks
Α	Mathematics	50	4	200
В	Intelligence	25	2	50
С	English	25	2	50
D	General Science	25	2	50
E	Social Science	25	2	50
	Total	150		400

There is no negative mark for a wrong response.

MEDIUM OF EXAMINATION:

For admission to Class IX: English only

For admission to Class VI:

- English
- Marathi
- Hindi
- Odiya
- Assamese
- Punjabi
- Bengali
- Tamil
- Gujarati
- Telugu
- Kannada
- Urdu
- Malayalam
- (a) A candidate can choose any of the above languages irrespective of school applied or.
- (b) Option of medium of Question Paper should be carefully chosen while filling in the Application Form. The option once exercised cannot be changed.
- (c) Candidates opting for English or Hindi would be provided bilingual Exam Booklet (i.e., in English and Hindi).
- (d) Candidates opting for regional languages would be provided Exam Booklet in the language opted by the candidate in their application form and English.
- (e) In case of any ambiguity in translation/construction of a question in the exam, its English version (except for the Language section questions) shall be treated as final and the decision of NTA shall be final in this regard.

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	Temperature
12	Lines and Angles	25	Arranging of Fractions
13	Complementary and Supplementary Angles		

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: LANGUAGES (ENGLISH / HINDI / REGIONAL LANGUAGES)

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	Idioms 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		

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

TOPICS COVERED IN CLASS VI: GENERAL KNOWLEDGE

Total Question- 25 Max Marks-50

S	Topics	S	Topics
No		No	
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 award sand 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

(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 Interestand 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	24.	Major Grasslands
	development		
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