ALL INDIA SAINIK SCHOOLS ENTRANCE EXAMINATION

AISSEE 2027 – Class IX (Admission to Academic Year 2027–28)

Official Syllabus & Exam Pattern | Conducted by NTA on behalf of Sainik Schools Society

EXAM OVERVIEW

Conducting Body	National Testing Agency (NTA) on behalf of Sainik Schools Society
Eligibility	Born between 02 Jul 2011 – 01 Jul 2014 (approx.); passed Class VIII
Mode	Offline – Pen & Paper (OMR-based)
Duration	3 Hours (Paper I: 2½ hrs | Paper II – Intelligence: 30 min)
Total Questions	150 Questions (Paper I: 125 | Paper II: 25)
Total Marks	400 Marks
Marking Scheme	Maths: +4 per correct | Other subjects: +2 per correct | No Negative Marking
Pass Criteria	Min. 25% in each subject AND min. 40% aggregate
Medium	English / Hindi / Regional language (selected at application stage)
Admission to	Class IX in Sainik Schools & approved New Sainik Schools across India
Official Website	exams.nta.nic.in/sainik-school-society

PAPER STRUCTURE – CLASS IX

Paper	Subject	Questions	Marks/Q	Total Marks	Time
Paper I	Mathematics	50	4	200	
Paper I	English	25	2	50	
Paper I	General Science	25	2	50	
Paper I	Social Studies	25	2	50	
Paper II	Intelligence	25	2	50	30 Min
	TOTAL	**150**	**—**	**400**	**3 Hours**

★ *Maths carries 50% of total marks (200/400). Paper II (Intelligence) is given after 2½ hours.*

PAPER I – MATHEMATICS (50 Questions | 200 Marks | 4 marks each)

■ Number Systems

- Real Numbers – rational, irrational, properties; Euclid's Division Lemma
- Fundamental Theorem of Arithmetic; HCF & LCM
- Decimal expansion of rational & irrational numbers
- Square roots, cube roots and surds

■ Algebra

- Polynomials – types, zeroes, factor & remainder theorem
- Linear Equations in Two Variables – graphical & algebraic methods
- Quadratic Equations – factorisation, completing the square, formula method
- Arithmetic Progressions – nth term, sum of n terms

■ Coordinate Geometry

- Cartesian plane – quadrants, plotting points
- Distance formula, Section formula, Mid-point formula
- Area of triangle using coordinates

■ Geometry

- Lines & Angles – properties, parallel lines, transversals
- Triangles – congruence criteria (SAS, ASA, SSS, RHS); similarity (AA, SAS, SSS)
- Quadrilaterals – parallelogram, rectangle, rhombus, square properties
- Circles – chord, arc, tangent, angle in semicircle, cyclic quadrilateral
- Constructions – angle/segment bisectors, triangles, circles

■ Mensuration

- Heron's Formula – area of scalene triangle
- Areas of quadrilaterals using Heron's formula
- Surface Area & Volume: Cube, Cuboid, Cylinder, Cone, Sphere, Hemisphere

■ Statistics & Probability

- Mean, Median, Mode – ungrouped and grouped data
- Histogram, Frequency polygon, Bar graph, Pie chart
- Probability – classical definition, simple word problems

■ Ratio, Proportion & Commercial Mathematics

- Percentage, Profit & Loss, Discount, Tax
- Simple Interest & Compound Interest
- Time & Work, Time & Distance, Speed
- Ratio, Proportion, Variation

PAPER I – ENGLISH (25 Questions | 50 Marks | 2 marks each)

■ Reading Comprehension

- Unseen passages – factual, discursive, literary types
- Inferential and vocabulary-based questions from passage

■ Grammar

- Tenses – all forms (simple, continuous, perfect, perfect-continuous)
- Modals, Active & Passive Voice, Direct & Indirect Speech
- Articles, Prepositions, Conjunctions, Determiners
- Subject-Verb Agreement; Error correction & sentence improvement

■ Vocabulary

- Synonyms, Antonyms, One-word substitution
- Idioms and Phrases; Spelling correction
- Word-usage and contextual meaning

■ Writing & Text Organisation

- Formal and informal letter writing
- Paragraph/sentence ordering and gap-filling
- Cloze test and editing exercises

PAPER I – GENERAL SCIENCE (25 Questions | 50 Marks | 2 marks each)

■ Physics

- Motion – distance, displacement, speed, velocity, acceleration; equations of motion
- Force & Laws of Motion – Newton's three laws, momentum, inertia
- Gravitation – universal law, free fall, g, weight vs mass, escape velocity
- Work, Energy & Power – KE, PE, conservation of energy, power & its units
- Sound – wave properties, speed in media, reflection, echo, SONAR, human ear
- Light – reflection (laws, mirrors), refraction (laws, lenses), dispersion

■ Chemistry

- Matter in Our Surroundings – states, evaporation, latent heat, sublimation
- Is Matter Pure? – mixtures, solutions, separation techniques, elements, compounds
- Atoms & Molecules – atomic mass, mole concept, molecular formulae, Avogadro's number
- Structure of Atom – electrons, protons, neutrons; Bohr's model; valency; isotopes
- Chemical Reactions – types (combination, decomposition, displacement, redox)
- Acids, Bases & Salts – properties, pH scale, indicators, neutralisation

■ Biology

- Cell – fundamental unit of life; organelles; plant vs animal cell differences
- Tissues – meristematic & permanent (plant); epithelial, connective, muscular, nervous (animal)
- Diversity in Living Organisms – classification; five kingdoms; binomial nomenclature
- Life Processes – nutrition, respiration, transportation, excretion in plants & animals
- Why Do We Fall Ill – health, infectious & non-infectious diseases, prevention, immunity
- Natural Resources – air, water, soil, biogeochemical cycles; ozone layer
- Improvement in Food Resources – crop improvement, manures, fertilizers, animal husbandry

PAPER I – SOCIAL STUDIES (25 Questions | 50 Marks | 2 marks each)

■ History – India & the Contemporary World

- The French Revolution – causes, events, impact, Napoleon
- Socialism in Europe & the Russian Revolution
- Nazism and the Rise of Hitler
- Forest Society and Colonialism
- Pastoralists in the Modern World
- Farmers and Peasants movements
- The Making of a Global World & The Age of Industrialisation

■ Geography – Contemporary India

- India: size, location, physical divisions
- Drainage – Himalayan & Peninsular rivers, lakes
- Climate – factors, monsoon mechanism, seasons, ENSO
- Natural Vegetation & Wildlife – biomes, conservation
- Population – size, distribution, growth rate, migration, occupational structure

■ Political Science – Democratic Politics

- What is Democracy? Why Democracy? – features, forms
- Constitutional Design – framing, key provisions, Preamble
- Electoral Politics – elections, ECI, model code of conduct
- Working of Institutions – Parliament, Executive, Judiciary
- Democratic Rights – Fundamental Rights, RTI

■ Economics

- The Story of Village Palampur – farming activities, non-farm activities
- People as Resource – human capital, education, health
- Poverty as a Challenge – poverty line, causes, government schemes
- Food Security in India – buffer stock, PDS, food programmes

PAPER II – INTELLIGENCE / REASONING (25 Questions | 50 Marks | 2 marks each)

■ Verbal Reasoning

- Analogies – word relationships and completion
- Classification – odd one out (verbal)
- Series completion – alphabetical and number-letter series
- Coding-Decoding – letter and number codes
- Blood Relations – family tree problems
- Direction & Distance – map-based reasoning

■ Non-Verbal / Spatial Reasoning

- Figure Analogies – finding the similar pattern
- Pattern completion and figure series
- Mirror & Water images
- Embedded figures – finding hidden figures
- Counting figures – triangles, squares in diagrams
- Paper folding & cutting

■ Mathematical / Logical Reasoning

- Number series and missing numbers
- Mathematical operations and simplification
- Venn diagrams – logical classification
- Syllogisms – statement and conclusion
- Calendar and clock problems
- Ranking and ordering

PREPARATION TIPS FOR AISSEE 2027

✓ Mathematics carries 200 out of 400 marks – make it your top priority subject.

✓ Intelligence (Paper II) is given after 2½ hours; do NOT neglect it – it's a full 50 marks.

✓ No negative marking – attempt every single question, never leave blanks.

✓ You must score min. 25% per subject AND min. 40% aggregate to qualify.

✓ Base your study on NCERT Class 8 & 9 textbooks for all academic subjects.

✓ Solve at least 5 previous year AISSEE Class 9 papers for pattern familiarity.

✓ Time strategy: ~75 min for Maths, ~30 min each for English/Science/SST, 30 min for Intelligence.

✓ For Reasoning: practice daily – it requires pattern recognition, not rote learning.

AISSEE EXAM CALENDAR

◆ AISSEE 2026 – Academic Year 2026–27 (Completed ✔)

Event	Date	Status
Official Notification Released	10 October 2025	✔ Done
Online Application Opens	10 October 2025	✔ Done
Last Date to Apply (Extended)	09 November 2025	✔ Done
Admit Card / Hall Ticket Release	December 2025	✔ Done
Exam Date (Class VI & IX)	18 January 2026 (Sunday)	✔ Done
Class IX Exam Time (Paper I + II)	2:00 PM – 5:00 PM	✔ Done
Provisional Answer Key Release	February 2026	✔ Done
Result Declaration	27 February 2026	✔ Done
AIR 1 – Class IX Score	Sahil Kumar Singh (UP) – 388/400	✔ Done
AISSAC Counselling / Allotment	March–April 2026	✔ Done

◆ AISSEE 2027 – Academic Year 2027–28 (Upcoming / Tentative)

Event	Expected Date	Note
Official Notification	October 2026	*Based on 2026 cycle*
Online Application Opens	1st–2nd week Oct 2026	*exams.nta.nic.in*
Last Date to Apply	Last week of October 2026	*~3–4 week window*
Correction Window	November 2026	*Online – NTA portal*
Admit Card Release	December 2026	*Download from NTA*
Exam Date (Class VI & IX)	3rd Sunday of January 2027	*Final date by NTA*
Class IX – Paper I Time	2:00 PM – 4:30 PM	*Based on past pattern*
Class IX – Paper II (Intel)	4:30 PM – 5:00 PM	*30 min after Paper I*
Provisional Answer Key	February 2027	*Objections accepted online*
Result Declaration	February–March 2027	*~6 weeks post exam*
AISSAC Counselling	March–May 2027	*Via AISSAC portal*

◆ Historical Quick Reference

Exam Cycle	Exam Date	Total Marks	Class IX AIR 1 Score
AISSEE 2024 (AY 2024–25)	28 January 2024	400	~390
AISSEE 2025 (AY 2025–26)	05 April 2025	400	~385
AISSEE 2026 (AY 2026–27)	18 January 2026	400	388 (Sahil Kumar Singh)
AISSEE 2027 (AY 2027–28)	January 2027 (Tentative)	400	—

★ *Dates marked 'Tentative' are based on NTA's historical pattern. Always confirm at exams.nta.nic.in/sainik-school-society*