

SUN SHINE PUBLIC SCHOOL

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MULTI AGARWAL SMRITI CHATRAVRITI TEST 2026

EXAM PATTERN & COMPLETE SYLLABUS BOOKLET

Classes 6th to 12th | CBSE English Medium | Girls Only

Total Questions 60 Questions	Total Duration 60 Minutes
Correct Answer +2 Marks	Wrong Answer -0.25 Marks
Total Marks 120 Marks	Question Type MCQ Only

★ *Syllabus Note: Paper for Class 6 is based on Class 5 CBSE syllabus, Class 7 on Class 6 syllabus, and so on — since students have already completed that class.*

Class 6 — Test Paper Based on Class 5 CBSE Syllabus

Exam Pattern

Subject	Questions	Marks Each	Total Marks	Negative Marking
Mental Ability / Reasoning	10	+2	20	No Negative
GK & Current Affairs	5	+2	10	No Negative
Mathematics	15	+2	30	-0.25
Science	10	+2	20	-0.25
English	10	+2	20	-0.25
Social Studies (SST)	10	+2	20	-0.25
TOTAL	60	+2 / -0.25	120	-0.25 per wrong

★ +2 for correct answer | -0.25 for wrong answer | 0 for unattempted | Total: 120 Marks in 60 Minutes

Chapter-wise Syllabus (CBSE)

Subject	Chapters / Topics (CBSE)
Mental Ability / Reasoning	Number Series, Odd One Out, Analogy, Mirror Images, Coding-Decoding, Direction Sense, Ranking, Pattern Completion, Basic Puzzles
GK & Current Affairs	Current Events (National & International), Famous Personalities, Science in Daily Life, Sports, National Symbols, Important Dates & Days
Mathematics	Large Numbers & Place Value, Addition & Subtraction, Multiplication & Division, Fractions & Decimals, Measurement (Length, Weight, Volume), Perimeter & Area, Basic Shapes & Angles, Data Handling, Patterns
Science	Animals & Their Habitats, Plants — Types & Parts, Food & Nutrition, Human Body — Organs, Rocks & Soil, Water Cycle, Weather & Climate, Force & Motion, Simple Machines, Light & Shadows
English	Reading Comprehension, Grammar — Nouns, Pronouns, Adjectives, Verbs, Tenses, Prepositions, Conjunctions, Articles, Composition — Letter & Paragraph Writing, Vocabulary — Synonyms, Antonyms, Spelling
Social Studies (SST)	Maps & Directions, Major Landforms, Our Environment, Indian States & Capitals, Ancient Civilisations (Basic), Freedom Movement (Introduction), Local Government, Our Constitution (Introduction)

Class 7 — Test Paper Based on Class 6 CBSE Syllabus

Exam Pattern

Subject	Questions	Marks Each	Total Marks	Negative Marking
Mental Ability / Reasoning	10	+2	20	No Negative
GK & Current Affairs	5	+2	10	No Negative
Mathematics	15	+2	30	-0.25
Science	10	+2	20	-0.25
English	10	+2	20	-0.25
Social Studies (SST)	10	+2	20	-0.25
TOTAL	60	+2 / -0.25	120	-0.25 per wrong

★ +2 for correct answer | -0.25 for wrong answer | 0 for unattempted | Total: 120 Marks in 60 Minutes

Chapter-wise Syllabus (CBSE)

Subject	Chapters / Topics (CBSE)
Mental Ability / Reasoning	Number Series, Analogy, Classification, Blood Relations, Coding-Decoding, Clock & Calendar, Puzzles, Venn Diagrams, Logical Reasoning
GK & Current Affairs	Current Affairs, Awards & Honours, Science & Technology, Sports Updates, Important Personalities, India GK, World Records
Mathematics	Knowing Our Numbers, Whole Numbers, Playing with Numbers, Basic Geometrical Ideas, Understanding Elementary Shapes, Integers, Fractions, Decimals, Data Handling, Mensuration, Algebra Introduction, Ratio & Proportion, Symmetry, Practical Geometry
Science	Food Sources, Components of Food, Fibre to Fabric, Sorting Materials, Separation of Substances, Changes Around Us, Getting to Know Plants, Body Movements, Living Organisms, Motion & Measurement, Light Shadows & Reflections, Electricity & Circuits, Fun with Magnets, Water, Air Around Us, Garbage In Garbage Out
English	Reading Comprehension (Prose & Poetry), Grammar — Parts of Speech, Tenses, Active & Passive Voice (Introduction), Composition — Essay & Informal Letter, Vocabulary, Unseen Passage
Social Studies (SST)	The Earth in the Solar System, Globe & Latitudes/Longitudes, Motions of Earth, Maps; What Where How & When, Hunting-Gathering to Farming, Earliest Cities, Kingdoms & Early Republic; Understanding Diversity, Local Government, Making a Living

Class 8 — Test Paper Based on Class 7 CBSE Syllabus

Exam Pattern

Subject	Questions	Marks Each	Total Marks	Negative Marking
Mental Ability / Reasoning	10	+2	20	No Negative
GK & Current Affairs	5	+2	10	No Negative
Mathematics	15	+2	30	-0.25
Science	10	+2	20	-0.25
English	10	+2	20	-0.25
Social Studies (SST)	10	+2	20	-0.25
TOTAL	60	+2 / -0.25	120	-0.25 per wrong

★ +2 for correct answer | -0.25 for wrong answer | 0 for unattempted | Total: 120 Marks in 60 Minutes

Chapter-wise Syllabus (CBSE)

Subject	Chapters / Topics (CBSE)
Mental Ability / Reasoning	Series Completion, Analogy, Classification, Coding-Decoding, Blood Relations, Direction & Distance, Clocks & Calendars, Cubes & Dice, Non-Verbal Reasoning
GK & Current Affairs	National & International Events, Science Discoveries, Sports, Awards, Famous Personalities, India — States & Facts, World Geography Basics
Mathematics	Integers, Fractions & Decimals, Data Handling, Simple Equations, Lines & Angles, Triangles & Properties, Congruence of Triangles, Comparing Quantities, Rational Numbers, Practical Geometry, Perimeter & Area, Algebraic Expressions, Exponents & Powers, Symmetry, Visualising Solid Shapes
Science	Nutrition in Plants, Nutrition in Animals, Fibre to Fabric, Heat, Acids Bases & Salts, Physical & Chemical Changes, Weather Climate & Adaptations, Winds Storms & Cyclones, Soil, Respiration in Organisms, Transportation in Plants & Animals, Reproduction in Plants, Motion & Time, Electric Current & Effects, Light, Water Resources, Forests — Our Lifeline, Wastewater Story
English	Reading Comprehension, Grammar — Tenses, Reported Speech, Clauses, Modals, Prepositions, Composition — Formal & Informal Letters, Essay, Notice, Vocabulary — Idioms, Phrases, Word Formation
Social Studies (SST)	Tracing Changes Through 1000 Years, New Kings & Kingdoms, Delhi Sultans, Mughal Empire, Towns Traders & Craftspersons, Tribes & Nomads, Devotional Paths; Environment — Inside Our Earth, Our Changing Earth, Air, Water; Democracy, State Government, Understanding Media, Markets

Class 9 — Test Paper Based on Class 8 CBSE Syllabus

Exam Pattern

Subject	Questions	Marks Each	Total Marks	Negative Marking
Mental Ability / Reasoning	10	+2	20	No Negative
GK & Current Affairs	5	+2	10	No Negative
Mathematics	15	+2	30	-0.25
Science	10	+2	20	-0.25
English	10	+2	20	-0.25
Social Studies (SST)	10	+2	20	-0.25
TOTAL	60	+2 / -0.25	120	-0.25 per wrong

★ +2 for correct answer | -0.25 for wrong answer | 0 for unattempted | Total: 120 Marks in 60 Minutes

Chapter-wise Syllabus (CBSE)

Subject	Chapters / Topics (CBSE)
Mental Ability / Reasoning	Analogy, Series, Classification, Coding-Decoding, Blood Relations, Direction & Distance, Seating Arrangement, Syllogism, Non-Verbal Reasoning, Data Sufficiency
GK & Current Affairs	Current Affairs, Science & Tech News, Sports, Economy Basics, World GK, Indian Constitution Basics, Awards & Honours
Mathematics	Rational Numbers, Linear Equations in One Variable, Understanding Quadrilaterals, Practical Geometry, Data Handling, Squares & Square Roots, Cubes & Cube Roots, Comparing Quantities, Algebraic Expressions & Identities, Mensuration (Area & Volume), Exponents & Powers, Direct & Inverse Proportions, Factorisation, Introduction to Graphs, Playing with Numbers
Science	Crop Production & Management, Microorganisms, Synthetic Fibres & Plastics, Metals & Non-Metals, Coal & Petroleum, Combustion & Flame, Conservation of Plants & Animals, Cell Structure & Functions, Reproduction in Animals, Reaching the Age of Adolescence, Force & Pressure, Friction, Sound, Chemical Effects of Electric Current, Natural Phenomena (Lightning, Earthquakes), Light, Stars & Solar System, Pollution of Air & Water
English	Reading Comprehension, Grammar — Active Passive, Reported Speech, Modals, Conditionals, Composition — Formal Letter, Email, Article, Paragraph Writing, Vocabulary — Synonyms, Antonyms, One Word Substitution, Idioms & Phrases
Social Studies (SST)	How When & Where, From Trade to Territory, Ruling the Countryside, Tribals & Dikus, When People Rebel, Weavers & Factory Owners, Women Caste & Reform, The Making of National Movement, India After Independence; Resources, Land Soil Water & Wildlife, Agriculture, Industries, Human Resources; Indian Constitution, Electoral Politics, Working of Institutions, Democratic Rights

Class 10 — Test Paper Based on Class 9 CBSE Syllabus

Exam Pattern

Subject	Questions	Marks Each	Total Marks	Negative Marking
Mental Ability / Reasoning	10	+2	20	No Negative
GK & Current Affairs	5	+2	10	No Negative
Mathematics	15	+2	30	-0.25
Science	10	+2	20	-0.25
English	10	+2	20	-0.25
Social Studies (SST)	10	+2	20	-0.25
TOTAL	60	+2 / -0.25	120	-0.25 per wrong

★ +2 for correct answer | -0.25 for wrong answer | 0 for unattempted | Total: 120 Marks in 60 Minutes

Chapter-wise Syllabus (CBSE)

Subject	Chapters / Topics (CBSE)
Mental Ability / Reasoning	Analogy, Series Completion, Syllogism, Blood Relations, Coding-Decoding, Direction & Distance, Seating Arrangement, Puzzles, Non-Verbal Reasoning — Figures & Patterns
GK & Current Affairs	National & International Current Affairs, Science & Technology, Economy, Sports, Awards, Indian History & Geography Facts, World Affairs
Mathematics	Number Systems, Polynomials, Coordinate Geometry, Linear Equations in Two Variables, Introduction to Euclid Geometry, Lines & Angles, Triangles, Quadrilaterals, Areas of Parallelograms & Triangles, Circles, Constructions, Heron's Formula, Surface Areas & Volumes, Statistics, Probability
Science	Matter in Our Surroundings, Is Matter Pure, Atoms & Molecules, Structure of Atom, Cell — Fundamental Unit of Life, Tissues, Diversity in Living Organisms, Motion, Force & Laws of Motion, Gravitation, Work & Energy, Sound, Why Do We Fall Ill, Natural Resources, Improvement in Food Resources
English	Reading Comprehension — Factual & Discursive Passages, Grammar — Tenses, Modals, Subject-Verb Agreement, Reported Speech, Active-Passive, Determiners, Composition — Formal Letters, Analytical Paragraphs, Vocabulary
Social Studies (SST)	French Revolution, Socialism in Europe & Russia, Nazism, Forest Society & Colonialism, Pastoralists; India — Size & Location, Physical Features, Drainage, Climate, Natural Vegetation, Population; Power Sharing, Federalism, Democracy & Diversity, Political Parties, Outcomes of Democracy; Development, Sectors of Economy, Money & Credit, Globalisation, Consumer Rights

Class 11 — Test Paper Based on Class 10 CBSE Syllabus

Exam Pattern

Subject	Questions	Marks Each	Total Marks	Negative Marking
Mental Ability / Reasoning	10	+2	20	No Negative
GK & Current Affairs	5	+2	10	No Negative
Mathematics	15	+2	30	-0.25
Science	10	+2	20	-0.25
English	10	+2	20	-0.25
Social Studies (SST)	10	+2	20	-0.25
TOTAL	60	+2 / -0.25	120	-0.25 per wrong

★ +2 for correct answer | -0.25 for wrong answer | 0 for unattempted | Total: 120 Marks in 60 Minutes

Chapter-wise Syllabus (CBSE)

Subject	Chapters / Topics (CBSE)
Mental Ability / Reasoning	Analogy, Coding-Decoding, Blood Relations, Series — Number & Letter, Direction & Distance, Seating Arrangements, Syllogism, Statement & Conclusions, Non-Verbal Reasoning
GK & Current Affairs	Current Affairs (last 6 months), Science & Tech, Economy, Sports, Awards, World Affairs, Indian Polity, Geography Facts
Mathematics	Real Numbers, Polynomials, Pair of Linear Equations in Two Variables, Quadratic Equations, Arithmetic Progressions, Triangles, Coordinate Geometry, Introduction to Trigonometry, Some Applications of Trigonometry, Circles, Constructions, Areas Related to Circles, Surface Areas & Volumes, Statistics, Probability
Science	Chemical Reactions & Equations, Acids Bases & Salts, Metals & Non-Metals, Carbon & Its Compounds, Periodic Classification of Elements, Life Processes, Control & Coordination, How Do Organisms Reproduce, Heredity & Evolution, Light — Reflection & Refraction, Human Eye & Colourful World, Electricity, Magnetic Effects of Electric Current, Sources of Energy, Our Environment, Sustainable Management of Natural Resources
English	Reading Comprehension (Factual & Literary), Grammar — Determiners, Connectives, Tenses, Reported Speech, Active-Passive, Composition — Formal Letters, Articles, Reports, Analytical Paragraphs, Vocabulary
Social Studies (SST)	Rise of Nationalism in Europe, Nationalism in India, Making of a Global World, Age of Industrialisation, Print Culture; Resources & Development, Forest & Wildlife, Water Resources, Agriculture, Minerals & Energy Resources, Manufacturing Industries, Lifelines of National Economy; Power Sharing, Federalism, Democracy & Diversity, Gender Religion Caste, Political Parties; Development, Sectors of Economy, Money & Credit, Globalisation, Consumer Rights

Class 12 — Special Stream-wise Exam Pattern

Class 12 students appear based on their chosen stream (PCM or PCB). Since Social Studies is not part of Class 11/12 curriculum, it is replaced by Physics and Chemistry. The 15-question slot is filled by Mathematics (PCM stream) or Biology (PCB stream).

Stream A — PCM (Physics, Chemistry, Mathematics)

Subject	Questions	Marks Each	Total Marks	Negative Marking
Mental Ability / Reasoning	10	+2	20	No Negative
GK & Current Affairs	5	+2	10	No Negative
Physics	10	+2	20	-0.25
Chemistry	10	+2	20	-0.25
Mathematics	15	+2	30	-0.25
English	10	+2	20	-0.25
TOTAL	60	+2 / -0.25	120	-0.25 per wrong

Stream B — PCB (Physics, Chemistry, Biology)

Subject	Questions	Marks Each	Total Marks	Negative Marking
Mental Ability / Reasoning	10	+2	20	No Negative
GK & Current Affairs	5	+2	10	No Negative
Physics	10	+2	20	-0.25
Chemistry	10	+2	20	-0.25
Biology	15	+2	30	-0.25
English	10	+2	20	-0.25
TOTAL	60	+2 / -0.25	120	-0.25 per wrong

Syllabus for Class 12 — Based on Class 11 CBSE Syllabus

Subject	Chapters / Topics (CBSE)
Mental Ability / Reasoning	Analogy, Coding-Decoding, Blood Relations, Number & Letter Series, Direction & Distance, Seating Arrangements, Syllogism, Statement & Conclusions, Critical Reasoning, Non-Verbal Reasoning
GK & Current Affairs	Current Affairs (last 6 months), Science & Technology, Economy & Finance, Sports, Awards & Honours, World Affairs, Indian Polity & Constitution, Important Personalities
Physics (Class 11 Syllabus)	Physical World & Measurement, Kinematics, Laws of Motion, Work Energy & Power, Motion of System of Particles & Rigid Body, Gravitation, Properties of Bulk Matter, Thermodynamics, Behaviour of Perfect Gas & Kinetic Theory, Oscillations & Waves

Chemistry (Class 11 Syllabus)	Basic Concepts of Chemistry, Structure of Atom, Classification of Elements & Periodicity, Chemical Bonding & Molecular Structure, States of Matter, Thermodynamics, Equilibrium, Redox Reactions, Hydrogen, s-Block Elements, Some p-Block Elements, Organic Chemistry — Basic Principles & Techniques, Hydrocarbons, Environmental Chemistry
Mathematics (PCM — Class 11)	Sets, Relations & Functions, Trigonometric Functions, Mathematical Induction, Complex Numbers & Quadratic Equations, Linear Inequalities, Permutations & Combinations, Binomial Theorem, Sequences & Series, Straight Lines, Conic Sections, Introduction to 3D Geometry, Limits & Derivatives, Mathematical Reasoning, Statistics, Probability
Biology (PCB — Class 11)	Diversity in Living World, Structural Organisation in Plants & Animals, Cell — Structure & Function, Plant Physiology (Mineral Nutrition, Photosynthesis, Respiration, Plant Growth), Human Physiology (Digestion, Breathing, Body Fluids, Excretion, Locomotion, Neural Control, Chemical Coordination)
English (Class 11 Syllabus)	Reading Comprehension — Unseen Passages (Factual & Literary), Grammar — Tenses, Modals, Reported Speech, Active-Passive, Editing & Omission, Composition — Formal & Informal Letters, Notice, Debate, Speech, Article, Classified Ads

General Instructions for All Students

Paper Format

All 60 questions are MCQ (Multiple Choice) with one correct answer out of four options.

Marking Scheme

+2 marks for every correct answer. -0.25 marks for wrong answers in Maths, Science, English and SST. NO negative marking in Mental Ability and GK sections. 0 marks for unattempted.

Duration

Total 60 questions in 60 minutes — approximately 1 minute per question. Manage your time wisely.

OMR Sheet

OMR Sheet will be provided. Use blue or black ball pen only to fill circles. Do NOT use pencil on OMR.

OMR Care

Do not fold, tear or damage the OMR sheet. Damaged OMR sheets will not be evaluated.

Mobile Phones

Mobile phones and all electronic devices are strictly PROHIBITED inside the examination hall.

Stationery

Bring your own pen, pencil and eraser. Borrowing is not allowed during the exam.

Reporting Time

Report at the exam centre by 09:30 AM. Exam starts at 11:00 AM sharp. Late entry will NOT be permitted.

Identity Proof

Carry your Admit Card and a valid ID (School ID / Aadhaar Card) on exam day.

Language

The question paper is in English medium only.

Best of Luck to All Participants! Honoring Her Legacy. Empowering Her Future.

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