

Syllabus

Type of Questions- MCQs

Max. Marks - 70

Duration – 90 Min.

Group- 2

Class	Subject	Topic	Marks
6 th	Maths	Pattern in Mathematics, Lines and Angles, Playing with Numbers, Data Handling, Prime Time, Perimeter and Area, Fraction, Playing with Construction, Symmetry, Other Side of Zero	25 M
	Reasoning	Playing With Alphabets, Analogy, Coding and Decoding, Blood Relation, Direction Sense Test, Logical Venn Diagram, Alpha Numeric Sequence, Mathematical Operation, Seation Arrangement and Puzzle, Analytical Reasoning, Mirror and Water Images, Paper Folding and Cutting, Embedded Figures, Figure Matrix, Cube and Dice, Dot Situation	10 M
	Science	The Wonderful World of Science, Diversity in the Living World, Materials Around Us, Exploring Magnets, Measurement of Length & Motion, A Journey Through States of Water, Mindful Eating, Temperature & Its Measurement, Methods of Separation in Everyday Life, Living Creatures, Beyond Earth, Nature's Treasures	35 M

Class	Subject	Topic	Marks
		Integer, Fraction and Decimal, Data Handling, Simple Equation, Lines and Angle, The Triangle and Its Property, Comparing	

7 th	Maths	Quantities, Finding Percentage, Rational Number, Perimeter and Area, Algebraic expression, Exponents and Power, Symmetry, Visualizing Solid Shapes	25 M
	Reasoning	Series Completion, Analogy, Coding Decoding (Alphabet and Letter), Logical Venn Diagram, Blood Relation, Direction Sense Test, Alpha Numeric Sequence, Mathematical Operations, Seating Arrangement, Analytical Reasoning, Mirror and Water Images, Paper Folding, Embedded Figures and Figure Completion, Figure Matrix, Cube and Dice, Dot situation, Missing Character, Non- verbal Series, Non-verbal Series and Classification	10 M
	Science	Nutrition in Plants, Nutrition in Animals, Heat, Acids, Bases and Salts, Physical and Chemical Change, Respiration in Organisms, Transportation in Animals and Plants, Reproduction in Plants, Motion and Time, Electric Current and Its Effects, Light, Forests Our Lifeline, Wastewater Story	35 M

Class	Subject	Topic	Marks
8 th	Maths	Rational Numbers, Linear Equation in One Variable, Understanding Quadrilateral, Data Handling, Square and Square Roots, Cube and Cube Root, Comparing Quantity, Mensuration, Algebraic Expression, Exponent and Power, Direct and Inverse Proportion, Introduction to Graph, Factorization	25 M
	Reasoning	Alphabet Series, Analogy, Coding - Decoding Test, Direction Sense Test, Blood Relation, Alpha Numeric Sequence, Logical Venn Diagram, Mathematical Operations, Time Sequence, Seating Arrangement and Puzzle, Analytical Reasoning, Mirror and Water Images, Embedded, Paper Folding and Paper Cutting, Figure Matrix, Cube and Dice, Dot Situation, Cryptography, Non- Verbal Series, Non- Verbel Analogy and Classification	10 M

	Science	Crop Production and It's Management, Coal and Petroleum, Force and Pressure, Friction, Microorganisms, Combustion and Flame, Conservation of Plants and Animals, Reproduction in Animals, Sound, Reaching the Age of Adolescence, Chemical Effects of Electric Current, Light, Some Natural Phenomena	35 M
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NOTE:

- The syllabus provided is only an outline of the key concepts and learning areas intended to guide students in their preparation.
- It is not mandatory that all questions in the Olympiad will be framed strictly from the listed topics. Questions may also assess related concepts, applications, reasoning ability, and analytical thinking.
- The Olympiad aims to test conceptual understanding, logical reasoning, problem-solving skills, and scientific temperament, rather than rote learning.
- Students are advised to prepare all fundamental concepts of Mathematics and Science as per their respective class level and school curriculum.
- Questions may be application-based, competency-based, or interdisciplinary, integrating concepts from different units or subjects.
- The difficulty level of questions may vary to identify students with higher-order thinking skills and creativity.
- The syllabus is provided to support and guide students, not to limit their learning or preparation.
- Students are encouraged to focus on:
 - Concept clarity
 - Logical reasoning
 - Numerical ability
 - Observation and interpretation skills
- Regular practice, curiosity, and a positive learning attitude will help students perform confidently in the Olympiad.

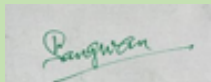
Important Contact / Whatsapp No.

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Regards

Officials of Olympiad Committee :

Principal
APS School



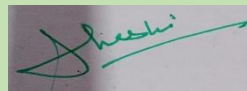
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