



VELAMMAL NEXUS

MUGAPPAIR (MAIN CAMPUS) | MEL AYANAMBAKKAM | ANNEXURE | PARUTHIPATTU
ALAPAKKAM | WEST | AVADI | KARAMBAKKAM | POONAMALLEE | MANGADU | VANAGARAM

IIT/ NEET FOUNDATION

EXAM DATE

9th DEC 2023
SATURDAY

EXAM TIME

10 AM TO 12 NOON

NON IIT/ NEET FOUNDATION

EXAM DATE

16th DEC 2023
SATURDAY

EXAM TIME

10 AM TO 12 NOON



I - QUEST'23

ELIGIBILITY : FOR VELAMMAL STUDENTS PRESENTLY IN
CLASSES VI, VII, VIII & IX

Dear Parents,

Greetings from Velammal Nexus Schools!!

I-QUEST'23 is a talent search exam wherein students will be tested on their critical thinking skills through an objective assessment. It's an opportunity to shine bright and claim exclusive cash prizes, trophies and certificates for exceptional performances.

"Create the highest, grandest vision possible for your life because you become what you believe."

EXCITING CASH AWARDS UPTO Rs. 3 LAKHS

**Classwise cash prize for
top performers**

**Trophies for school
high achievers**



**Non Foundation students
to register for I-QUEST-23 by
scanning the QR code**

Certificates for all

SYLLABUS FOR FOUNDATION STUDENTS CBSE & MATRIC

CLASS VI	Mathematics	Knowing our Numbers, Whole Numbers, Geometry, Polygons, Playing with Numbers, Integers, Fractions, Decimals
	Physics	Measurement, Kinematics, Light
	Chemistry	Sorting Materials into Groups, Separation of Substances, Atomic Structure
	Reasoning	Series Completion, Coding and Decoding, Analogy, Classification, Direction Sense Test, Logical Venn Diagrams

CLASS VII	Mathematics	Integers, Fractions and Decimals, Symmetry, Data Handling, Geometry, Simple Equations, Exponents and Powers, Comparing Quantities, Squares and Square Roots, Rational Numbers
	Physics	Measurement, Kinematics, Newton's Laws of Motion
	Chemistry	Acids Bases and Salts, Chemical Reactions and Equations, Water a precious resource
	Reasoning	Series Completion, Coding and Decoding, Analogy, Classification, Direction Sense Test, Logical Venn Diagrams

CLASS VIII	Mathematics	Rational Numbers, Squares and Square Roots, Cubes and Cube Roots, Linear Equations, Understanding Quadrilaterals, Algebra, Data Handling, Factorisation
	Physics	Vectors, Kinematics, Force and Laws of Motion, Friction, Force & Pressure
	Chemistry	Coal and Petroleum, Combustion and Flame, Atomic Structure, Periodic Classification
	Reasoning	Series Completion, Coding and Decoding, Analogy, Classification, Direction Sense Test, Logical Venn Diagrams

CLASS IX	Mathematics	Real Numbers, Polynomials, Co-ordinate Geometry, Linear Equation in Two Variables (Only Introduction), Lines and Angles, Triangles, Quadrilaterals, Circles, Heron's Formula, Statistics, Trigonometry, Sets
	Physics	Kinematics, Newton's Laws of Motion, Work, Power and Energy, Gravitation
	Chemistry	Is Matter Around us Pure, Atomic Structure, Classification of Elements, Atoms and Molecules
	Biology	Cell, Tissues, Diversity in Living Organisms, Nutrition Health

Exam Mode	Offline
Pattern Of Questions	90 Objective type questions with single correct answer
Marking Scheme	+4 for every correct answer, -1 for wrong answer & 0 for unattempted
Question Distribution	Class - VI to VIII: Mathematics - 30, Physics - 25, Chemistry - 25, Reasoning - 10 Class - IX: Mathematics - 30, Physics - 20, Chemistry - 20, Biology - 20
Medium	English
Duration	2 hours (10.00 am to 12.00 noon) It is compulsory to be seated in the exam hall atleast 30 minutes before the commencement of the exam

SYLLABUS FOR NON - FOUNDATION CBSE STUDENTS

CLASS VI	Mathematics	Knowing Our Numbers, Whole Numbers, Playing with Numbers, Basic Geometrical Ideas, Understanding Elementary Shapes, Integers, Fractions, Decimals
	Physics	Light, Shadows and Reflections, Electricity and Circuits
	Chemistry	Sorting Materials into Groups, Separation of Substances
	Reasoning	Series Completion, Coding and Decoding, Analogy, Classification, Direction Sense Test, Logical Venn Diagrams

CLASS VII	Mathematics	Integers, Fractions and Decimals, Data Handling, Lines and Angles, Simple Equations, Comparing Quantities, Exponents and Powers, Rational Numbers, Symmetry
	Physics	Heat, Motion and Time, Electric Circuits and its effects
	Chemistry	Acids, Bases and Salts
	Reasoning	Series Completion, Coding and Decoding, Analogy, Classification, Direction Sense Test, Logical Venn Diagrams

CLASS VIII	Mathematics	Rational Numbers, Linear Equations in One Variable, Understanding Quadrilaterals, Squares and Square Roots, Cubes and Cube Roots, Exponents and Powers, Algebraic Expressions and Identities, Data Handling, Factorisation.
	Physics	Force and Pressure, Friction, Sound
	Chemistry	Combustion and Flame, Coal and Petroleum
	Reasoning	Series Completion, Coding and Decoding, Analogy, Classification, Direction Sense Test, Logical Venn Diagrams

CLASS IX	Mathematics	Real Numbers, Polynomials, Co-ordinate Geometry, Linear Equation in Two Variables (Only Introduction), Lines and Angles, Triangles, Quadrilaterals, Circles, Heron's Formula, Statistics.
	Physics	Motion, Force and Laws of Motion, Gravitation, Work and Energy
	Chemistry	Matter in Our Surroundings, Is Matter Around us Pure ?, Atoms and Molecules, Atomic Structure.
	Biology	Cell : Fundamental Unit of Life, Tissues : Till Connective Tissues , Improvement in Food Resources.

Exam Mode	Offline
Pattern Of Questions	90 Objective type questions with single correct answer
Marking Scheme	+4 for every correct answer, -1 for wrong answer & 0 for unattempted
Question Distribution	Class - VI to VIII: Mathematics - 30, Physics - 25, Chemistry - 25, Reasoning - 10 Class - IX: Mathematics - 30, Physics - 20, Chemistry - 20, Biology - 20
Medium	English
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SYLLABUS FOR NON - FOUNDATION MATRIC STUDENTS

CLASS VI	Mathematics	Numbers, Introduction to Algebra (Patterns), Ratio and Proportion, Geometry, Statistics (Pictograph, Bar graph), Measurement
	Physics	Measurement, Force and Motion, Heat, Electricity
	Chemistry	Matter Around Us, Sorting Materials into Groups, Elements and Symbols, Changes Around Us, Air
	Reasoning	Series Completion, Coding and Decoding, Analogy, Classification, Direction Sense Test, Logical Venn Diagrams

CLASS VII	Mathematics	Number System, Measurement, Algebra, Exponents and Powers, Direct and Inverse Proportion, Geometry, Information Processing
	Physics	Measurement, Force and Motion, Electricity, Heat and Temperature
	Chemistry	Matter Around Us, Atomic Structure, Changes Around Us, Acids, Bases and Salts
	Reasoning	Series Completion, Coding and Decoding, Analogy, Classification, Direction Sense Test, Logical Venn Diagrams

CLASS VIII	Mathematics	Numbers, Measurement, Algebra, Geometry, Life Mathematics, Information Processing
	Physics	Measurement, Force and Pressure, Light, Heat, Electricity, Universe and Space Science
	Chemistry	Matter Around Us, Changes Around Us, Air, Atomic Structure, Water
	Reasoning	Series Completion, Coding and Decoding, Analogy, Classification, Direction Sense Test, Logical Venn Diagrams

CLASS IX	Mathematics	Real Numbers, Polynomials, Co-ordinate Geometry, Linear Equation in Two Variables (Only Introduction), Lines and Angles, Triangles, Quadrilaterals, Circles, Surface Areas and Volumes (Cube and Cuboid) Heron's Formula, Statistics
	Physics	Measurement, Motion, Fluids, Electric Charge & Current, Magnetism and Electro Magnetism, Light, Universe.
	Chemistry	Matter in Our Surroundings, Is Matter Around us Pure?, Atoms and Molecules, Atomic Structure.
	Biology	Organ System in Animals, Nutrition and Health, Animal Kingdom, Organisation of Tissues.

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