



VELAMMAL
NEXUS

EXCITING
CASH AWARDS
UPTO

₹3

LAKHS

EXAM DATE

05th

NOVEMBER
2024

REGISTRATION

₹100

Non-Foundation students
to register for I-QUEST'24
by scanning the QR code



I-QUEST

TALENT SEARCH EXAM

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

Dear Parents,

Greetings from Velammal Nexus Schools!!

I-QUEST '24 is a talent search exam where the students are tested on their critical thinking skills through an objective assessment. It's a rare opportunity to outshine and clinch exclusive cash prizes, trophies and certificates for exceptional performances.

Classwise cash prize for top performers

Trophies for school high achievers

Certificates for all

SYLLABUS FOR FOUNDATION STUDENTS

CBSE & MATRIC

CLASS - VI

SUBJECT	SYLLABUS
Mathematics	Knowing our Numbers, Whole Numbers, Playing with Numbers, Basic Geometrical Ideas, Integers, Data Handling and Understanding Elementary Shapes.
Physics	Light, Motion, Measurement and Kinematics.
Chemistry	Sorting Materials into Groups, Atomic Structure, Separation of Substances, Changes around us and Language of Chemistry (upto Concept - 2).
Reasoning	Series Completion, Inserting Missing Character, Analogy, Odd One Out, Coding & Decoding, Logical Venn Diagrams and Mathematical Operations.

CLASS - VII

SUBJECT	SYLLABUS
Mathematics	Integers, Fractions and Decimals, Lines and Angles, Rational Numbers, Algebraic Expressions, Visualising Solid Shapes, Squares and Square Roots.
Physics	Motion, Heat, Measurement, Kinematics and Newton Laws of Motion.
Chemistry	Acids Bases and Salts, Chemical Equations and Reactions and Water - A Precious Resource.
Reasoning	Series Completion, Inserting Missing Character, Analogy, Blood Relation, Direction Sense Test and Logical Venn Diagrams.

CLASS - VIII

SUBJECT	SYLLABUS
Mathematics	Squares and Square Roots, Linear Equations, Exponents and Powers, Cubes and Cube Roots, Understanding Quadrilaterals, Algebraic Expressions & Identities and Factorisation.
Physics	Vectors, Kinematics, Force and Pressure.
Chemistry	Combustion and Flame, Coal and Petroleum, Atomic Structure, Periodic Classification, Metals and Non-metals (upto Concept - 1).
Reasoning	Number Series, Inserting Missing Character, Odd One Out, Analogy, Coding & Decoding and Counting Geometrical Patterns.

TEST PATTERN

Exam Mode	Offline
Pattern Of Questions	Objective type questions with single correct answer
Marking Scheme	1 Mark for every correct answer & 0 Mark for the wrong / unattempted
Mark Allotment	Mathematics - 30, Physics - 30, Chemistry - 30, Reasoning - 10
Medium	English
Duration	2 hours and 30 minutes (10.00 am to 12.30 pm) 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 - V

SUBJECT	SYLLABUS
Mathematics	Numbers more than one million, Arithmetic Operations, Factors, Multiples and Fractions.
Science	Plants and Animals and their Adaptations, Reproduction in Plants, Human Body - Systems and Care of Sense Organs, Food & Nutrition.
Reasoning	Series Completion, Analogy, Odd One Out, Coding & Decoding and Direction Sense Test.

CLASS - VI

SUBJECT	SYLLABUS
Mathematics	Knowing our Numbers, Whole Numbers, Data Handling, Basic Geometrical Ideas, Playing with Numbers and Understanding Elementary Shapes.
Physics	Light, Shadow and Reflection.
Chemistry	Sorting Materials into Groups and Separation of Substances.
Reasoning	Series Completion, Inserting Missing Character, Analogy, Odd One Out, Coding & Decoding, Logical Venn Diagrams and Mathematical Operations.

CLASS - VII

SUBJECT	SYLLABUS
Mathematics	Integers, Fractions and Decimals, Lines and Angles, Rational Numbers, Algebraic Expressions and Visualising Solid Shapes.
Physics	Motion, Time and Heat.
Chemistry	Acids, Bases and Salts.
Reasoning	Series Completion, Inserting Missing Character, Analogy, Blood Relation, Direction Sense Test and Logical Venn Diagrams.

CLASS - VIII

SUBJECT	SYLLABUS
Mathematics	Rational Numbers, Squares and Square Roots, Linear Equations in One Variable, Exponents and Powers, Cubes and Cube Roots and Understanding Quadrilaterals.
Physics	Force, Pressure and Friction.
Chemistry	Combustion and Flame.
Reasoning	Number Series, Inserting Missing Character, Odd One Out, Analogy, Coding & Decoding and Counting Geometrical Patterns.

TEST PATTERN

Exam Mode	Offline
Pattern Of Questions	Objective type questions with single correct answer
Marking Scheme	1 Mark for every correct answer & 0 Mark for the wrong / unattempted
Mark Allotment	Class - V : Mathematics - 20, Science - 20, Reasoning - 10 Class - VI to VIII : Mathematics - 30, Physics - 30, Chemistry - 30, Reasoning - 10
Medium	English
Duration	Class V: 1 hour and 30 minutes (10.00 am to 11.30 am) Class VI to VIII: 2 hours and 30 minutes (10.00 am to 12.30 pm) It is compulsory to be seated in the exam hall atleast 30 minutes before the commencement of the exam

SYLLABUS FOR NON - FOUNDATION MATRIC STUDENTS

CLASS - V

SUBJECT	SYLLABUS
Mathematics	Numbers more than one million, Arithmetic Operations, Factors, Multiples and Fractions.
Science	Plants and Animals and their Adaptations, Reproduction in Plants, Human Body - Systems and Care of Sense Organs, Food & Nutrition.
Reasoning	Series Completion, Analogy, Odd One Out, Coding & Decoding and Direction Sense Test.

CLASS - VI

SUBJECT	SYLLABUS
Mathematics	Numbers, Fractions, Geometry, Algebra, Ratio & Proportion, Statistics and Information Processing.
Physics	Measurement, Force and Motion.
Chemistry	Matter around us, Sorting Materials into Groups, Elements & Symbols.
Reasoning	Series Completion, Inserting Missing Character, Analogy, Odd One Out, Coding & Decoding, Logical Venn Diagrams and Mathematical Operations.

CLASS - VII

SUBJECT	SYLLABUS
Mathematics	Measurement, Fraction, Number System, Algebra, Direct and Inverse Proportion, Geometry and Information Processing.
Physics	Measurement, Force and Motion.
Chemistry	Matter around us and Atomic Structure.
Reasoning	Series Completion, Inserting Missing Character, Analogy, Blood Relation, Direction Sense Test and Logical Venn Diagrams.

CLASS - VIII

SUBJECT	SYLLABUS
Mathematics	Numbers, Fraction, Geometry, Measurement and Algebra.
Physics	Measurement, Force, Pressure and Light.
Chemistry	Matter around us, Changes around us and Air.
Reasoning	Number Series, Inserting Missing character, Odd One Out, Analogy, Coding & Decoding and Counting Geometrical Patterns.

TEST PATTERN

Exam Mode	Offline
Pattern Of Questions	Objective type questions with single correct answer
Marking Scheme	1 Mark for every correct answer & 0 Mark for the wrong / unattempted
Mark Allotment	Class - V : Mathematics - 20, Science - 20, Reasoning - 10 Class - VI to VIII : Mathematics - 30, Physics - 30, Chemistry - 30, Reasoning - 10
Medium	English
Duration	Class V: 1 hour and 30 minutes (10.00 am to 11.30 am) Class VI to VIII: 2 hours and 30 minutes (10.00 am to 12.30 pm) It is compulsory to be seated in the exam hall atleast 30 minutes before the commencement of the exam