

ZTSE-ZenQuest Talent Search Exam

JUNIOR CHAMP GRADE 2 TO 5



Grade 2

Number of Questions: Mathematics – 20, Reasoning – 10, Vedic Maths – 5

Time-60min

Mathematics

- * Numbers up to 1000
- * Place Value & Face Value
- * Addition & Subtraction (with regrouping/borrowing)
- * Multiplication Tables (1–10)
- * Division (single digit)
- * Fractions ($\frac{1}{2}$, $\frac{1}{3}$, $\frac{1}{4}$ basic)
- * Measurement (length, weight, capacity)
- * Time (hours, half-hour, days, months)
- * Money (simple rupee & paise sums)
- * Shapes (2D, 3D basics)
- * Patterns & Series

Reasoning

- * Odd One Out (shapes/numbers/letters)
- * Simple Coding-Decoding
- * Picture Puzzles
- * Analogy (basic)
- * Sequencing (numbers, pictures)
- * Spot the Difference
- * Directions (left, right, up, down)

Vedic Maths

- * Magic of 9 & 11
- * Quick Addition
- * Doubling & Halving

Grade 3

Number of Questions: Mathematics – 20, Reasoning – 10, Vedic Maths – 5

Time-60min

Mathematics

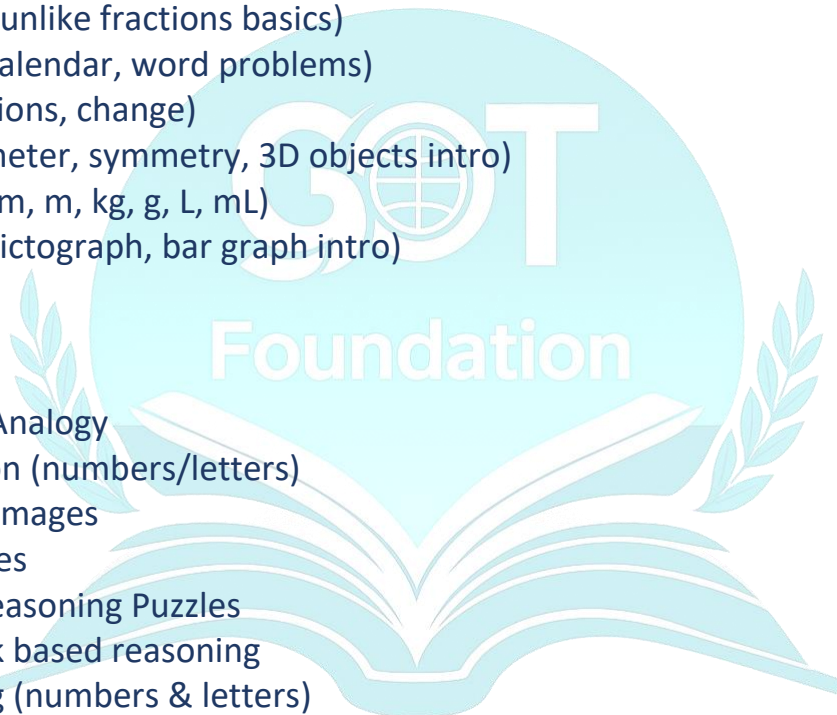
- * Numbers up to 10,000
- * Expanded & Standard Form
- * Advanced Addition & Subtraction
- * Multiplication Tables (up to 15)
- * Division (2-digit \div 1-digit, word problems)
- * Fractions (like & unlike fractions basics)
- * Time (minutes, calendar, word problems)
- * Money (transactions, change)
- * Geometry (perimeter, symmetry, 3D objects intro)
- * Measurement (cm, m, kg, g, L, mL)
- * Data Handling (pictograph, bar graph intro)

Reasoning

- * Classification & Analogy
- * Series Completion (numbers/letters)
- * Mirror & Water Images
- * Embedded Figures
- * Mathematical Reasoning Puzzles
- * Calendar & Clock based reasoning
- * Coding-Decoding (numbers & letters)

Vedic Maths

- *Quick multiplication by 9, 11, 12
- *Nikhilam subtraction basics
- *Multiplying by 5, 25, 50 Number of



Grade 4

Number of Questions: Mathematics – 20, Reasoning – 10, Vedic Maths – 5

Time-60min

Mathematics

- * Numbers up to 1,00,000
- * Roman Numerals
- * Factors & Multiples (LCM, HCF)
- * Prime & Composite Numbers
- * Advanced Multiplication & Division (multi-digit)
- * Fractions (addition & subtraction)
- * Decimals (introduction)
- * Geometry (area & perimeter, angles, lines)
- * Measurement (advanced units conversion)
- * Symmetry & Patterns
- * Data Handling (bar graph, tally chart)
- * Simple Word Problems (multi-step)

Reasoning

- * Alphabet & Number Series
- * Coding-Decoding (advanced)
- * Venn Diagrams
- * Direction Sense Test
- * Logical Puzzles (age, position, ranking)
- * Mathematical Reasoning (equations, patterns)
- * Non-Verbal Reasoning (cube, paper folding basics)

Vedic Maths

- *Vertically & Crosswise Multiplication
- * Nikhilam Method (near 100)
- *Divisibility shortcuts

Grade 5

Number of Questions: Mathematics – 20, Reasoning – 10, Vedic Maths – 5

Time-60min

Mathematics

- * Numbers up to 10,00,000
- * Indian & International Place Value
- * Roman Numerals (advanced)
- * LCM & HCF (word problems)
- * Fractions (multiplication & division)
- * Decimals (addition, subtraction, comparison)
- * Percentage & Ratio
- * Average & Speed/Distance (intro)
- * Geometry (types of angles, triangles, quadrilaterals, circle basics)
- * Area & Perimeter (advanced)
- * Volume & Capacity (intro)
- * Data Handling (bar graph, line graph, tables)
- * Word Problems (challenging, multi-step)

Reasoning

- * Blood Relations
- * Direction & Distance (advanced)
- * Coding-Decoding (symbol-based)
- * Non-Verbal Reasoning (cube, dice, folding)
- * Mirror & Water Image (advanced)
- * Series & Analogy (advanced)
- * Mathematical Puzzles (brain teasers, equations)
- * Statement & Conclusion (intro level)

Vedic Maths

- * Advanced Vertically & Crosswise
- * Nikhilam method (bigger numbers)
- * Squaring numbers ending with 5
- * Square roots basics
- * Algebra tricks