

M.L. Syal's Helix Institute

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SCHOLARSHIP cum ADMISSION Test

(March Test for 9th Admission)

Duration of Test : 1 hr. 50 minutes

Total Marks : 240

Pattern of test

- i. The question paper will be of objective type in ONLINE/OFFLINE mode.
- ii. There will be **60** objective type questions
- iii. Each question carries **4** marks for correct answer.
- iv. **(-1) mark will be deducted for incorrect answer.**
- v. No mark will be awarded/deducted for unattempted questions.

SCIENCE SYLLABUS (8th Class)

36 QUESTIONS (144 MARKS)

- The Invisible Living World: Beyond Our Naked Eye
- Health: The Ultimate Treasure
- Electricity: Magnetic and Heating Effects
- Exploring Forces
- Pressure, Winds, Storms, and Cyclones
- Particulate Nature of Matter
- Nature of Matter: Elements, Compounds and Mixtures
- The Amazing World of Solutes, Solvents and Solutions
- Light, Mirrors and Lenses
- How Nature Works in Harmony
- Our Home : Earth, A unique life sustaining planet
- Keeping Time with the Skies

MATHEMATICS SYLLABUS (8th Class)

24 QUESTIONS (96 MARKS)

- Rational Numbers
- Linear Equations in One Variable
- Understanding Quadrilaterals
- Data Handling
- Squares and Square Roots
- Cubes and Cube Roots
- Comparing Quantities
- Algebraic Expressions and Identities
- Mensuration
- Exponents and Powers
- Direct and Inverse Proportions
- Factorisation