

M.L. Syal's Helix Institute

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SCHOLARSHIP cum ADMISSION Test (February 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)

- Crop production and management
- Micro organisms (Friend and Foe)
- Coal and Petroleum
- Combustion and flame
- Conservation of Plants and Animals
- Reproduction in Animals
- Force and Pressure
- Friction
- Sound
- Chemical Effects of Electric Current
- Light

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