

M.L. Syal's Helix Institute

Syllabus of Scholarship cum Admission Test for Students studying in VIII and moving to IX

SCIENCE OF CLASS VIII

- Crop production and management
- Micro organisms (Friend and Foe)
- Reproduction in animals
- Synthetic Fibres and Plastics
- Coal and Petroleum
- Combustion and flame
- Materials (Metals and non-metals)
- Conservation of plants and animals
- Cell (Structure and functions)
- Force and pressure
- Friction
- Sound
- Light

MATHEMATICS OF CLASS VIII

- Rational Numbers
- Linear Equations in One Variable
- Understanding Quadrilaterals
- Practical Geometry
- Data Handling
- Squares and Square Roots
- Cubes and Cube Roots
- Comparing Quantities
- Exponents and Powers
- Factorisation
- Mensuration

NOTE : There will be 75 objective type questions as mentioned below :

- a. 45 questions from Science
- b. 25 questions from Mathematics
- c. 5 questions from Mental Ability

Each question carries 4 marks for correct answer and -1 mark for wrong answer.