

M.L. Syal's Helix Institute

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

SCIENCE OF CLASS IX

- MATTER IN OUR SURROUNDINGS
- IS MATTER AROUND US PURE
- ATOMS AND MOLECULES
- STRUCTURE OF THE ATOM
- THE FUNDAMENTAL UNIT OF LIFE
- TISSUES
- WHY DO WE FALL ILL
- DIVERSITY IN LIVING ORGANISMS
- NATURAL RESOURCES
- MOTION
- FORCE AND LAWS OF MOTION
- GRAVITATION
- WORK AND ENERGY
- SOUND

MATHEMATICS OF CLASS IX

- NUMBER SYSTEMS
- POLYNOMIALS
- COORDINATE GEOMETRY
- LINEAR EQUATIONS IN TWO VARIABLES
- TRIANGLES
- CIRCLES
- SURFACE AREAS AND VOLUMES
- STATISTICS

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.