

M.L. Syal's Helix Institute

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HELIX SCHOLARSHIP CUM ADMISSION TEST FOR 10th FOUNDATION

Test Date : 27-10-2024

(for Students studying in 9th and moving to 10th Foundation Course)

Time Duration : 1 Hr. 50 Min

HSAT SYLLABUS

Total Marks : 260

SCIENCE

Section- A : 36 QUESTIONS (144 MARKS)

- Matter in our surroundings
- Is matter around us pure?
- The fundamental unit of life
- Tissues
- Motion
- Force and Laws of motion

MATHEMATICS

Section- B : 20 QUESTIONS (80 MARKS)

- Number systems
- Polynomials
- Algebra (Linear Equations in Two Variables)
- Coordinate Geometry
- Geometry (Lines and Angles, Triangles)
- Mensuration (Heron's Formula)
- Statistics

APTITUDE AND LOGICAL THINKING

Section- C : 9 QUESTIONS (36 MARKS)

- Alphanumeric Series
- Directions
- Blood Relations
- Arithmetic Aptitude
- Coding-Decoding
- Age Problems
- Dices

HSAT PATTERN

- The question paper will be of objective type in pen-paper format using OMR sheet.
- There will be 65 objective type questions. Section-A will have 36 Questions and Section-B will have 20 Questions and Section-C will have 9 Questions.
- Section-A will carry 144 Marks and Section-B will carry 80 Marks and Section-C will carry 36 Marks. Total Question Paper will carry 260 Marks.
- Each question carries 4 marks for correct answer.
- There will be **NO** negative marking.