

**Syllabus of Scholarship cum Admission Test**  
**( for Students studying in VIII and moving to IX )**  
**for Foundation Course**

**SCIENCE**

- 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**

- 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 84 objective type questions as mentioned below :

- a. 48 questions from Science
- b. 36 questions from Mathematics

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