

# Entrance Test Details

## Question Paper Pattern

Class	Subject	Time	Questions	Marking
VII, VIII & IX	MAT	60 mins	60	+3 / -1 / 0
	Maths & Science	120 mins	90	+3 / -1 / 0
X	MAT	30 mins	30	+3 / -1 / 0
	PCM	150 mins	120	+3 / -1 / 0

**NOTE:** +3 will be awarded for a Right Answer, -1 will be awarded for a Wrong Answer, 0 will be awarded for No Attempt.

## Syllabus of Entrance cum Scholarship Exam

### Class VII (going to class VIII)

Physics	Chemistry	Biology	Mathematics
Heat Motion & Time Light	Acid, Bases & Salts Fibre to Fabric Water : A precious resource	Nutrition in Plants Nutrition in Animals Respiration in Organisms Weather, Climate and adaptation of animals to climate	Integers Fractions & Decimals Lines & Angles Simple Equations Triangles & its properties Exponent & Powers Data Handling

### Class VIII (going to class IX)

Physics	Chemistry	Biology	Mathematics
Force & Pressure Friction Sound Reflection & Refraction	Synthetic Fibres & Plastics Metals & Non-metals Coal & Petroleum Combustion & Flame	Crop Production & Management Micro-organism Cell- Structure & Function	Rational Numbers L.E. in One Variable Understanding Quadrilaterals Square & Square Roots Cube & Cube Roots Comparing Quantities Mensuration

### Class IX (going to class X)

Physics	Chemistry	Biology	Mathematics
Motion Force & Laws of Motion Gravitation	Matter in our Surrounding Is matter around us pure? Properties of Matter & Solution Atoms & Molecules	Cell: The Fundamental Unit of Life Tissues	Number System Polynomials Co-ordinate Geometry Lines and Angles Triangles Quadrilaterals & Area Mensuration

### Class X (going to class XI)

Physics	Chemistry	Mathematics
Light, Reflection & Refraction Electricity Magnetic Effects of Electric Current The Human eye & the Colorful World	Chemical Reactions & Equation Acid, Base & Salts Metals & Non-metals	Real Numbers Polynomials L.E. in Two Variables Quadratic Equation Trigonometry Statistics & Probability Mensuration