

Syllabus of Entrance cum Scholarship Exam

	Class VI (going to class VII)	Class VII (going to class VIII)
PHYSICS	Measurement of length and motion, exploring magnets	Heat, motion and time, light
CHEMISTRY	Materials round us, nature's treasure	Acid bases and salt, forest is our life line
BIOLOGY	The wonderful world of science, diversity in the living world	Nutrition in plants, Nutrition I Animals, Respiration in organisms, Transportation
MATHEMATICS	Patterns in mathematics, lines and angles, number play, data handling and presentation, prime time, fractions	Integers, fractions and decimals, simple equations, lines and angles, algebraic expressions, the triangle and its properties, data handling, symmetry
	Class VIII (going to class IX)	Class IX (going to class X)
PHYSICS	Light, force and pressure, friction, chemical effects of electric current	Motion, force and laws of motion, gravitation
CHEMISTRY	Coal, petroleum and natural gas, chemical effect of electric current	Matter in our surroundings, is matter around us pure?
BIOLOGY	Crop production and management, microorganisms: friend and foe, conservation of plants and animals	The fundamental unit of life, tissues
MATHEMATICS	Rational numbers, linear equations in one variable, direct and inverse proportions, squares and square roots, cubes and cube roots, algebraic expressions and identities, understanding quadrilaterals, data handling, exponents and powers	Number systems, polynomials, coordinate geometry, linear equations in two variables, lines and angles, triangles, quadrilaterals, heron's formula

Question Paper Pattern				
Class	Subject	Time	Questions	Marking
VI, VII, VIII & IX	MAT	120 min.	30	+4 / -1 / 0
	PHY		15	+4 / -1 / 0
	CHEM		15	+4 / -1 / 0
	BIO		15	+4 / -1 / 0
	MATH		25	+4 / -1 / 0

NOTE: +4 will be awarded for a Correct Answer, -1 will be awarded for an Incorrect Answer, 0 will be awarded for not attempting the question.