

**D.H.B. SONI COLLEGE , SOLAPUR**  
**TALENT SEARCH EXAM SYLLABUS 2022 -2023**

STD	Subject	STATE BOARD	NCERT
VIII	Science	a) Living World & Classification of microbes	a) Microorganisms - friend & foe
		b) Cell & Cell Organelles	b) Cell structure & Function
		c) Metal & Non Metals	c) Materials-Metal & Non Metals
		d) Force & pressure	d) Force & Pressure
		e) Pollution	e) Pollution of Air & Water
	Maths	a) Rational & Irrational numbers	a) Rational Numbers
		b) Indices & Cube root	b) Exponents & powers; Cube & Cube roots
		c) Equations in one variable	c) Equations in one variable
		d) Quadrilateral : types	d) Understanding quadrilaterals
		e) Factorisation of Algebraic Expressions	e) Algebraic expressions & Identities
IX	Science	a) Law of Motion	a) Force & Laws of Motion
		b) Work & energy	b) Work & energy
		c) Measurement of Matter	c) Nature of Matter
		d) Acids Bases & Salts	d) Acid Bases & salts
		e) Classification of Plants	e) Diversity in Living Organisms
		f) Useful & Harmful Micro	f) Why do we fall ill
	Maths	a) Real Numbers	a) Number System
		b) Polynomials	b) Polynomials
		c) Linear equations in two variables	c) Linear equations in two variables
		d) Parallel Lines	d) lines & Angles
		e) Triangles	e) Triangles
		f) Quadrilaterals	f) Quadrilaterals
X	Science	a) Effects of Electric Current	a) Electricity
		b) Periodic Classification of elements	b) Periodic Classification of Elements
		c) Chemical reaction & Equation	c) Chemical Reaction & Equation
		d) Heredity & Evolution	d) Heredity & Evolution
		e) Life processes in Living Organisms -II	e) How do organisms reproduce ?
		f) Environmental management	f) Our Environment
	Maths	a) Linear equations in two variables	a) Pair of Linear equations in two variables
		b) Quadratic equations	b) Quadratic equations
		c) Arithmetic Progression	c) Arithmetic progression
		d) Similarity	d) Triangles
		e) Circle	e) Circle
		f) Co- ordinate geometry	f) Co- ordinate geometry

Nature & Pattern of Exam

For Std. VIII, IX & X

\* Exam will be offline

\* Exam will be of 300 marks

\* 75 MCQ question booklet

\* The duration of Exam will be 2 . 1/2 hrs

\* 4 marks for each correct answer

\* 1 negative mark for each incorrect answer

Gen. Science : 30

Mathematics : 30

Logical & Reasoning : 15