



Teoler Group of Institutions
Teoler Career Aptitude Test (T-CAT 2023)
October 22, 2023
for Grade 8 Students



	SUBJECT	No of Questions	PAPER DURATION	SYLLABUS	MARKING
PAPER 1	MATHS	22	130 Minutes	1. Rational Numbers 2. Linear Equations in One / Two Variable 3. Understanding Quadrilaterals 4. Square and Square Roots 5. Cube and Cube Roots 6. Comparing Quantities 7. Percentage and its Applications 8. Algebraic Expressions and Identities 9. Mensuration 10. Exponents and Powers 11. Time and Work 12. Factorization	+4, -1
	PHYSICS	13		1. Linear Motion 2. Force and Pressure 3. Friction 4. Sound 5. Light 6. Electric Current and its Effect	+4, -1
	BIOLOGY	22		1. Conservation of Plants and Animals 2. Cell – Structure and Functions 3. Reproduction in Animals 4. Reaching the Age of Adolescence 5. Crop Production and Management 6. Microorganisms: Friend and Foe	+4, -1
	CHEMISTRY	13		1. Synthetic Fibres and Plastics 2. Metals and Non-Metals 3. Coal and Petroleum 4. Combustion and Flame 5. Chemical Effects of Electric Current	+4, -1
	LOGICAL ABILITY	20		1. Number Series 2. Alphabet Series 3. Blood Relation 4. Coding – Decoding 5. Cubes and Dice 6. Direction Sense 7. Insert the Missing Character 8. Mathematical Operation 9. Number Ranking 10. Venn – Diagram 11. Sitting Arrangement	+4, -1
PAPER 2	ENGLISH	22	45 minutes	1. Reading Comprehension 2. Grammar 3. Vocabulary	+4, -1
	PSYCHOMETRIC TEST	92		General Pschymetric Questions	