

Tamil Nadu NTSE Phase - 1 (2021-22)

Q No	Subject	Class	Topic	Difficulty Level	Type	Correct Answer
MAT 1	MAT	X	Series	MODERATE	Information Based	2
MAT 2	MAT	X	Series	MODERATE	Information Based	1
MAT 3	MAT	X	Series	MODERATE	Information Based	4
MAT 4	MAT	X	Series	MODERATE	Information Based	3
MAT 5	MAT	X	Series	MODERATE	Information Based	1
MAT 6	MAT	X	Series	EASY	Information Based	3
MAT 7	MAT	X	Series	EASY	Information Based	1
MAT 8	MAT	X	Series	MODERATE	Information Based	4
MAT 9	MAT	X	Series	EASY	Information Based	2
MAT 10	MAT	X	Series	EASY	Information Based	2
MAT 11	MAT	X	Series	EASY	Information Based	3
MAT 12	MAT	X	Series	EASY	Information Based	1
MAT 13	MAT	X	Series	EASY	Information Based	4
MAT 14	MAT	X	Series	MODERATE	Information Based	2
MAT 15	MAT	X	Coding Decoding	MODERATE	Information Based	1
MAT 16	MAT	X	Coding Decoding	MODERATE	Information Based	3
MAT 17	MAT	X	Coding Decoding	MODERATE	Information Based	1
MAT 18	MAT	X	Analogy	MODERATE	Information Based	4
MAT 19	MAT	X	Analogy	MODERATE	Information Based	3
MAT 20	MAT	X	Analogy	MODERATE	Information Based	1
MAT 21	MAT	X	Analogy	MODERATE	Information Based	2
MAT 22	MAT	X	Analogy	MODERATE	Information Based	3
MAT 23	MAT	X	Coding Decoding	MODERATE	Information Based	4
MAT 24	MAT	X	Coding Decoding	MODERATE	Information Based	1
MAT 25	MAT	X	Coding Decoding	MODERATE	Information Based	1
MAT 26	MAT	X	Coding Decoding	MODERATE	Information Based	3
MAT 27	MAT	X	Coding Decoding	MODERATE	Information Based	3
MAT 28	MAT	X	Classification	EASY	Information Based	2
MAT 29	MAT	X	Classification	MODERATE	Information Based	1

Q No	Subject	Class	Topic	Difficulty Level	Type	Correct Answer
MAT 30	MAT	X	Classification	MODERATE	Concept Based	4
MAT 31	MAT	X	Direction Sense	MODERATE	Information Based	3
MAT 32	MAT	X	Puzzle Test	DIFFICULT	Information Based	1
MAT 33	MAT	X	Puzzle Test	DIFFICULT	Information Based	3
MAT 34	MAT	X	Mathematical Operator	EASY	Information Based	4
MAT 35	MAT	X	Mathematical Operator	MODERATE	Information Based	4
MAT 36	MAT	X	Mathematical Operator	EASY	Information Based	1
MAT 37	MAT	X	Puzzle Test	MODERATE	Information Based	3
MAT 38	MAT	X	Puzzle Test	MODERATE	Information Based	1
MAT 39	MAT	X	Fact & statement	EASY	Information Based	4
MAT 40	MAT	X	Puzzle Test	EASY	Information Based	1
MAT 41	MAT	X	Puzzle Test	EASY	Information Based	1
MAT 42	MAT	X	Number Ranking	EASY	Information Based	4
MAT 43	MAT	X	Number Ranking	EASY	Information Based	3
MAT 44	MAT	X	Clock and Calendar	EASY	Information Based	1
MAT 45	MAT	X	Alphabet Test	EASY	Information Based	3
MAT 46	MAT	X	Alphabet Test	EASY	Information Based	1
MAT 47	MAT	X	Alphabet Test	EASY	Information Based	4
MAT 48	MAT	X	Alphabet Test	MODERATE	Information Based	3
MAT 49	MAT	X	Alphabet Test	EASY	Concept Based	1
MAT 50	MAT	X	Alphabet Test	EASY	Concept Based	4
MAT 51	MAT	X	Blood Relation	EASY	Application Based	3
MAT 52	MAT	X	Puzzle Test	EASY	Application Based	1
MAT 53	MAT	X	Statement Conclusion	MODERATE	Concept Based	3
MAT 54	MAT	X	Mathematical Operator	EASY	Concept Based	4
MAT 55	MAT	X	Data Sufficiency	EASY	Concept Based	3
MAT 56	MAT	X	Power & Exponents	EASY	Concept Based	1
MAT 57	MAT	X	Mathematical Operator	EASY	Concept Based	2
MAT 58	MAT	X	Clock and Calendar	EASY	Concept Based	1

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An eye opener for every IIT-JEE aspirant



Q No	Subject	Class	Topic	Difficulty Level	Type	Correct Answer
MAT 59	MAT	X	Linear Equation	EASY	Information Based	4
MAT 60	MAT	X	Series	EASY	Concept Based	3
MAT 61	MAT	X	Missing Character	MODERATE	Information Based	1
MAT 62	MAT	X	Missing Character	MODERATE	Information Based	4
MAT 63	MAT	X	Missing Character	MODERATE	Information Based	Incorrect Option
MAT 64	MAT	X	Venn Diagram	EASY	Information Based	2
MAT 65	MAT	X	Venn Diagram	EASY	Information Based	1
MAT 66	MAT	X	Venn Diagram	EASY	Information Based	2
MAT 67	MAT	X	Venn Diagram	EASY	Information Based	1
MAT 68	MAT	X	Venn Diagram	EASY	Information Based	1
MAT 69	MAT	X	Venn Diagram	EASY	Information Based	1
MAT 70	MAT	X	Venn Diagram	EASY	Information Based	1
MAT 71	MAT	X	Venn Diagram	EASY	Information Based	4
MAT 72	MAT	X	Puzzle Test	EASY	Information Based	3
MAT 73	MAT	X	Puzzle Test	EASY	Information Based	1
MAT 74	MAT	X	Puzzle Test	MODERATE	Information Based	2
MAT 75	MAT	X	Puzzle Test	MODERATE	Information Based	4
MAT 76	MAT	X	Cube and Dice	MODERATE	Information Based	4
MAT 77	MAT	X	Cube and Dice	MODERATE	Information Based	1
MAT 78	MAT	X	Water Image	MODERATE	Information Based	2
MAT 79	MAT	X	Water Image	MODERATE	Information Based	4
MAT 80	MAT	X	Mirror Image	MODERATE	Information Based	4
MAT 81	MAT	X	Mirror Image	MODERATE	Information Based	4
MAT 82	MAT	X	Blood Relation	MODERATE	Information Based	4
MAT 83	MAT	X	Blood Relation	MODERATE	Information Based	4
MAT 84	MAT	X	Figure Partition	MODERATE	Information Based	3
MAT 85	MAT	X	Figure Partition	MODERATE	Information Based	1
MAT 86	MAT	X	Paper Folding	MODERATE	Information Based	1
MAT 87	MAT	X	Embedded Figure	EASY	Information Based	2
MAT 88	MAT	X	Embedded Figure	EASY	Information Based	3

Q No	Subject	Class	Topic	Difficulty Level	Type	Correct Answer
MAT 89	MAT	X	Non Verbal Classification	EASY	Information Based	3
MAT 90	MAT	X	Non Verbal Classification	EASY	Information Based	2
MAT 91	MAT	X	Non Verbal Classification	MODERATE	Information Based	4
MAT 92	MAT	X	Non Verbal Series	MODERATE	Information Based	3
MAT 93	MAT	X	Non Verbal Series	EASY	Information Based	4
MAT 94	MAT	X	Non Verbal Series	EASY	Information Based	3
MAT 95	MAT	X	Non Verbal Series	MODERATE	Information Based	1
MAT 96	MAT	X	Non Verbal Series	MODERATE	Information Based	2
MAT 97	MAT	X	Non Verbal Analogy	EASY	Information Based	1
MAT 98	MAT	X	Non Verbal Analogy	EASY	Information Based	4
MAT 99	MAT	X	Non Verbal Analogy	MODERATE	Information Based	1
MAT 100	MAT	X	Non Verbal Analogy	MODERATE	Information Based	2
SAT 1	Mathematics	X	Exponents and Surds	MODERATE	Concept Based	3
SAT 2	Mathematics	X	Real Number	EASY	Information Based	3
SAT 3	Mathematics	X	Polynomials	MODERATE	Application Based	2
SAT 4	Mathematics	X	Triangles	MODERATE	Concept Based	4
SAT 5	Mathematics	X	Surface Area Volume	MODERATE	Information Based	4
SAT 6	Mathematics	X	Statistics	MODERATE	Information Based	4
SAT 7	Mathematics	X	Real Number	MODERATE	Concept Based	1
SAT 8	Mathematics	X	Polynomials	EASY	Concept Based	3
SAT 9	Mathematics	X	Polynomials	EASY	Application Based	3
SAT 10	Mathematics	X	Polynomials	MODERATE	Application Based	2
SAT 11	Mathematics	X	Polynomials	EASY	Concept Based	1
SAT 12	Mathematics	X	Polynomials	EASY	Concept Based	2
SAT 13	Mathematics	X	Number System	EASY	Concept Based	3
SAT 14	Mathematics	X	Lines and Angles	EASY	Concept Based	4
SAT 15	Mathematics	X	Number System	EASY	Concept Based	1
SAT 16	Mathematics	X	Algebraic Expression	EASY	Concept Based	3
SAT 17	Mathematics	X	Coordinate Geometry	MODERATE	Application Based	1

Q No	Subject	Class	Topic	Difficulty Level	Type	Correct Answer
SAT 18	Mathematics	X	Coordinate Geometry	MODERATE	Application Based	1
SAT 19	Mathematics	X	Surface Area Volume	MODERATE	Application Based	4
SAT 20	Mathematics	X	Probability	MODERATE	Concept Based	2
SAT 21	Physics	X	Sound	MODERATE	Information Based	1
SAT 22	Physics	X	Electric charge and electric current	MODERATE	Information Based	3
SAT 23	Physics	X	Optics	MODERATE	Information Based	3
SAT 24	Physics	X	Electric charge and electric current	MODERATE	Information Based	2
SAT 25	Physics	X	Measurement	EASY	Information Based	4
SAT 26	Physics	X	Measurement	EASY	Information Based	2
SAT 27	Physics	X	Motion	EASY	Information Based	2
SAT 28	Physics	X	Fluids	EASY	Information Based	4
SAT 29	Physics	X	Sound	EASY	Information Based	4
SAT 30	Physics	X	Electricity	EASY	Information Based	1
SAT 31	Physics	X	Nuclear physics	MODERATE	Information Based	1
SAT 32	Physics	X	Optics	EASY	Information Based	1
SAT 33	Physics	X	Magnetic effects of electric current	MODERATE	Information Based	4
SAT 34	Chemistry	X	Metals and Non-Metals	MODERATE	Information Based	1
SAT 35	Chemistry	X	Acids, Bases and Salts	EASY	Information Based	3
SAT 36	Chemistry	X	Chemical Reactions and Equations	EASY	Application Based	3
SAT 37	Chemistry	IX	Structure of Atom	CHALLENGING	Information Based	2
SAT 38	Chemistry	X	Carbon and Its compounds	MODERATE	Application Based	4
SAT 39	Chemistry	X	Acids, Bases and Salts	CHALLENGING	Application Based	3
SAT 40	Chemistry	X	Carbon and Its compounds	MODERATE	Information Based	2
SAT 41	Chemistry	X	Metals and Non-Metals	EASY	Concept Based	3
SAT 42	Chemistry	X	Acids, Bases and Salts	MODERATE	Information Based	4
SAT 43	Chemistry	X	Carbon and Its compounds	MODERATE	Information Based	4
SAT 44	Chemistry	IX	Atoms and molecules	MODERATE	Application Based	1
SAT 45	Chemistry	X	Acids, Bases and Salts	MODERATE	Application Based	2
SAT 46	Chemistry	X	Acids, Bases and Salts	EASY	Application Based	1

Q No	Subject	Class	Topic	Difficulty Level	Type	Correct Answer
SAT 47	Biology	IX	Nitrogen Cycle	MODERATE	Concept Based	1
SAT 48	Biology	IX	Plant physiology	EASY	Information Based	2
SAT 49	Biology	IX	Plant physiology	MODERATE	Information Based	4
SAT 50	Biology	IX	Organisation of Tissues	EASY	Information Based	1
SAT 51	Biology	IX	World of microbes	MODERATE	Information Based	4
SAT 52	Biology	IX	World of microbes	MODERATE	Information Based	1
SAT 53	Biology	IX	Organ systems in Animals	MODERATE	Information Based	2
SAT 54	Biology	IX	Animal Kingdom	EASY	Information Based	4
SAT 55	Biology	X	Transportation in animals	EASY	Information Based	2
SAT 56	Biology	IX	Organisation of Tissues	MODERATE	Information Based	1
SAT 57	Biology	X	Structural Organisation of Animals	EASY	Information Based	3
SAT 58	Biology	X	Nervous system	EASY	Information Based	4
SAT 59	Biology	IX	Animal Kingdom	EASY	Information Based	1
SAT 60	Biology	X	Transportation in animals	EASY	Information Based	2
SAT 61	History	IX	Indus valley civilization	EASY	Application Based	3
SAT 62	History	IX	Chola, Chera ,Pandaya	EASY	Application Based	1
SAT 63	History	IX	Roman Empire	EASY	Application Based	4
SAT 64	History	IX	Roman Empire	EASY	Information Based	3
SAT 65	History	IX	French Revolution	EASY	Information Based	2
SAT 66	History	X	Social Reformers	EASY	Information Based	1
SAT 67	History	X	Print Culture	EASY	Information Based	3
SAT 68	History	IX	French Revolution	EASY	Information Based	2
SAT 69	History	X	Nationalism in India	EASY	Information Based	3
SAT 70	History	X	Nationalism in India	EASY	Information Based	2
SAT 71	History	X	Nationalism in India	EASY	Information Based	4
SAT 72	History	IX	Russian Revolution	EASY	Information Based	3
SAT 73	History	X	Nationalism in India	EASY	Information Based	3
SAT 74	History	IX	Print Culture	EASY	Information Based	2
SAT 75	Geography	X	Landforms of Earth	EASY	Information Based	2

Q No	Subject	Class	Topic	Difficulty Level	Type	Correct Answer
SAT 76	Geography	X	Landforms of earth	EASY	Information Based	3
SAT 77	Geography	X	Landforms of earth	EASY	Application Based	2
SAT 78	Geography	X	Water Bodies	EASY	Application Based	1
SAT 79	Geography	X	Landforms of earth	EASY	Application Based	2
SAT 80	Geography	X	Surface of Earth	EASY	Application Based	2
SAT 81	Geography	IX	Climate	EASY	Application Based	4
SAT 82	Geography	IX	Climate	EASY	Application Based	2
SAT 83	Geography	IX	Lifelines of National Economy	EASY	Application Based	1
SAT 84	Geography	IX	Natuiral Vegetation and wildlife	EASY	Application Based	3
SAT 85	Geography	IX	Water Resources	MODERATE	Application Based	2
SAT 86	Geography	IX	Climate	EASY	Concept Based	1
SAT 87	Geography	IX	Climate	MODERATE	Concept Based	4
SAT 88	Geography	IX	Physical Features of India	MODERATE	Concept Based	1
SAT 89	Civics	X	Union Government	MODERATE	Concept Based	3
SAT 90	Civics	X	Local Self Government	MODERATE	Concept Based	1
SAT 91	Civics	IX	Villages	MODERATE	Concept Based	1
SAT 92	Civics	IX	State Government	MODERATE	Concept Based	2
SAT 93	Civics	IX	International Organisation	EASY	Concept Based	4
SAT 94	Economics	X	Taxes	MODERATE	Concept Based	4
SAT 95	Civics	X	Schedules	EASY	Concept Based	1
SAT 96	Civics	X	Local Self Government	EASY	Concept Based	4
SAT 97	Economics	X	Money and Credit	EASY	Concept Based	4
SAT 98	Economics	X	Globalisation	EASY	Concept Based	3
SAT 99	Economics	IX	International Organisation	EASY	Concept Based	2
SAT 100	Economics	IX	Poverty	EASY	Concept Based	1

Note:-Though Ntseguru content team has taken utmost care in typing the Answer Keys.
But due to early documentation & printing, an error of $\pm 5\%$ may occur.
Answer Keys should be taken in that respect.

EXPECTED Cut-Off - (General)

General	160-168
OBC	150-155
SC	130-140
ST	120-130
EWS	140-150