

Examrace

Detailed Analysis of NTSE STAGE-I – 2015 Madhya Pradesh

Doorsteptutor material for NTSE/Stage-I-State-Level is prepared by world's top subject experts: **get questions, notes, tests, video lectures and more-** for all subjects of NTSE/Stage-I-State-Level.

NTSE Stage-I (Madhya Pradesh) 2015 was conducted in three parts:

1. Paper 1 (MAT) from 9 AM to 9.45AM
2. Paper 2 (LCT) from 10.15 am to 11am
3. Paper 3 (SAT) from 11.30AM to 1 pm

Paper 3 SAT contains 40 questions each from Physics and Chemistry, Biology , 20 questions each from Mathematics and 40 questions each from Social Science.

Overall Difficulty Level Analysis

Subject	Easy Level		Medium Level		Difficult Level	
	No of Questions	Total Marks	No of Questions	Total Marks	No of Questions	Total Marks
Chemistry	6	6	4	4	2	2
Mathematics	0	0	0	0	0	0
Physics	6	6	7	7	0	0
Biology	8	8	4	4	2	2
MAT	0	0	0	0	0	0
Social science	23	23	11	11	6	6
Grand Total	0	0	0	0	0	0

Difficulty Analysis for NTSE

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Subject Analysis

AnalS. No.	Subject	Year	
1	Physics	13	13
2	Chemistry	13	13
3	Biology	14	14

5	Mathematics	20	20
6	Mental Ability	50	50
8	Social Science	40	40
Total Question		200	200
Total Marks		200	200
<i>Subject Analysis</i>			

Subject Wise Analysis

Physics

S. No.	Topic	No of Ques.	Total Marks	% weightage
1	Light	5	5	
2	Electricity	4	4	
3	Motion	0	0	
4	Magnetism	2	2	
5	Gravitation	0	0	
6	Fluid	0	0	
7	Work, Energy & Power	0	0	
8	Sound	0	0	
9	Sources of Energy & Nuclear Physics	0	0	
10	Force and Laws of Motion	0	0	
11	Miscellaneous	1	1	
Total Number of Questions		13	13	100
<i>Physics</i>				

Chemistry

S. No.	Topic	No of Ques.	Total Marks	% weightage
1	Matter			
2	Mole Concept			

3	Periodic Table	1	1	
4	Thermo dynamics			
5	Chemical Reactions	1	1	
6	Chemical Bonding			
7	Chemical Kinetics			
8	Chemical Equilibrium			
9	Synthetic Fibre & Plastic			
10	Carbon and its compounds	3	3	
11	Structure of Atom	3	3	
12	Gaseous State			
13	Acid, Base & Salts	2	2	
14	Metals and Non metals			
15	Coal & Petroleum	1	1	
16	Nuclear Chemistry			
Total Number of Questions		13	13	100
<i>Chemistry</i>				

Mathematics

S. No.	Topic	No of Ques.	Total Marks	% weightage
1	Number System	1	1	
2	Surds and Exponents	1	1	
3	Polynomial			
4	Linear Equations in two variables	1	1	
5	Quadratic Equations	3	3	
6	Progression			
7	Trigonometry	4	4	
8	Coordinate Geometry	2	2	

9	Line and Angles, Triangles			
10	Quadrilateral	1	1	
11	Circle			
12	Perimeter and Area of Plane Figure	3	3	
13	Surface Area & Volume	2	2	
14	Statistics	1	1	5
15	Probability	1	1	5
Total Number of Questions		20	20	100
<i>Mathematics</i>				

Biology

S. No.	Topic	No of Ques.	Total Marks	% weightage
1	Fundamental unit of life (Cell)	1	1	
2	Tissue			
3	Reproduction			
4	Why do we fall ill?	1	1	
5	Nutrition	3	3	
6	Environment	1	1	
7	Improvement of Food Resources	1	1	
8	Respiration	1	1	
9	Control & Coordination	1	1	
10	Heredity and evolution	1	1	
11	Diversity of Living World	3	3	
12	Natural Resources	1	1	
Total Number of Question		13	13	100
<i>Biology</i>				

Social Science

S. No.	Topic	No of Ques.	Total Marks	% weightage
	History			
1	Ancient India	6	6	
2	Medieval India	2	2	
3	Modern India			
4	Madhya Pradesh history	1	1	
5	Peasants and Farmers			
6	Work life and leisure			
7	Nationalism in India	6	6	
	Civics			
8	Federalism			
9	Political Parties			
10	Working Of the institution	1	1	
11	Constitutional Design	3	3	
12	What is democracy? Why democracy?			
14	Electoral Politics	1	1	
15	Democratic rights			
	Geography			
15	Climate	1	1	
16	Lifeline of national economy	1	1	
17	Agriculture	1	1	
18	Mineral and Energy Resources	3	3	
19	Physical Divisions of India	2	2	
20	Drainage	3	3	

21	Population	1	1	
22	Forest & wild life resources	1	1	
23	Miscellaneous	1	1	
24	India Size & Location	1	1	
	Economics			
25	Sectors of Indian Economy	1	1	
26	Development	2	2	
27	Money & Credit	2	2	
Total Number of Question		40	40	100
<i>Social Science</i>				

Mental Ability

S. No.	Topic	No of Ques.	Total Marks	% weightage
1	Number Series	5	5	
2	Alphabet Series			
3	Letter Repeating Series	2	2	
4	Missing term in figure	1	1	
5	Mathematical operations			
6	Coding-Decoding	1	1	
7	Sitting arrangement			
8	Direction Sense			
9	Alphabet test			
10	Ranking & Ordering- Test	7	7	
11	Blood Relations	3	3	=
12	Venn Diagram	0	0	0
13	Analogy	10	10	
14	Classification	2	2	

15	Logical Sequencing of Words			
16	pyramid Test			
17	Calendar TEST	3	3	
18	CLOCK TEST			
19	Cube			
20	Dice Test			
21	Paper Folding & Paper Cutting			
22	Figure Partition & counting	2	2	
23	Non-Verbal Series	6	6	
24	Non-Verbal Analogy			
25	Non-Verbal Classification	4	4	
26	Syllogism	2	2	
27	Decision Making			
28	State ment& Assumption			
29	Dot Situation			
30	Mirron Image & Water Image			
31	Arithmetical Reasoning			
Total Number of Question		50	50	100
<i>Mental Ability</i>				

English (LCT)

S. no.	Topic	No of ques.	Total marks	% weightage
1	Tenses			
	Prepositions			
3	Reported Speech			
	S. V. A.			
5	Jumbled paragraphs			

6	Tag Questions			
7	Conjunction			
8	Phrasal Verbs			
9	Sentence Correction			
10	Joining Sentences			
11	Punctuation Error			
12	Modal			
13	Active and Passive Voice			
Total number of question		50	50	100
<i>English (LCT)</i>				

Frequently Asked Questions (FAQs)

Please give me ntse study materials

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1 Answer

NTSE study materials for stage 1 (State level) and Stage-2 (National Level) have been provided on [NTSE study materials](#). Practice questions along with videos have been provided to assist the aspirants with the better preparation strategy.

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