

NTSE Stage-2, 2015 : A Detailed Analysis by Resonance PCCP

The National Talent Search Examination (NTSE) is a national level scholarship program in India to Identify and Nurture talented students. NTSE Stage -2 Conducted on 10th May, 2015. Around 4000 students were appeared for this Exam.

It was conducted in three part

1. Mental Ability Test
2. Language Test (English or Hindi)
3. Scholastic Aptitude Test

Mental Ability Test was conducted from 08:30 AM to 09:15 AM.

Language Test was conducted from 09:45 AM to 10:30 AM.

Aptitude Test was conducted from 11:15 AM to 12:45 PM.

Overall Marks Distribution of NTSE Stage-2, 2015

Subjects	No. of Questions	Marks allocation
Physics	13	13
Chemistry	13	13
Biology	14	14
Social Science	40	40
Mathematics	20	20
Mental Ability	50	50
Language Test	50	50
Total	200	200

Overall Difficulty Level Analysis

In this analysis we have rated every question on a scale of 1 to 5. The ratings are done by expert faculty of Resonance.

1: Very Easy 2. Easy 3. **Moderate** 4. Difficult 5. Very Difficult

Subject	Difficulty Level Analysis
Physics	3
Chemistry	3
Biology	3
Social Science	3
Mathematics	3
Mental Ability	3
Language Test	3

Difficulty Level Analysis : No of Questions

Subject	Very Easy	Easy	Moderate	Difficult	Very Difficult	Total
Physics		6	3	4		13
Chemistry		4	4	5		13
Biology		8	4	2		14
Social Science		5	25	10		40
Mathematics			16	4		20
Mental Ability	10	10	20	10		50
Language Test	1	10	29	10		50
Total	11	43	101	45		200

Physics Analysis

Topic wise Allocation of Marks			
Subject / Topic	No. of Questions	Total Marks	Weightage in %
Motion	2	2	15.4
Gravitation	1	1	7.7
Electricity	2	2	15.4
Magnetic Effect of current & EMI	2	2	15.4
Light	2	2	15.4
Wave Motion of Sound	2	2	15.4
Force Laws of Motion & WEP	2	2	15.4
Grand Total	13	13	100.0

Chemistry Analysis

Topic wise Allocation of Marks			
Subject / Topic	No. of Questions	Total Marks	Weightage in %
Structure of Atom	2	2	15.4
Mole concept	2	2	15.4
Periodic Table	1	1	7.7
Metals & Non Metals	2	2	15.4
Chemical Reactions & Equations	1	1	7.7
Acids, Bases and Salts	1	1	7.7
Carbon and its compounds	2	2	15.4
Matter	2	2	15.4
Grand Total	13	13	100.0

Biology Analysis

Topic wise Allocation of Marks			
Subject / Topic	No. of Questions	Total Marks	Weightage in %
Fundamental unit of life	1	1	7.1
Tissue	1	1	7.1
Reproduction	2	2	14.3
Diseases	1	1	7.1
Nutrition	1	1	7.1
Environment	1	1	7.1
Control & Coordination	1	1	7.1
Heredity and variation	2	2	14.3
Bio-Diversity	2	2	14.3
Respiration	2	2	14.3
Grand Total	14	14	100.0

Mathematics Analysis

Topic wise Allocation of Marks			
Subject / Topic	No. of Questions	Total Marks	Weightage in %
Number System	2	2	10.0
Polynomial	3	3	15.0
Surface Area & Volume	6	6	30.0
Trigonometry	2	2	10.0
Triangles	1	1	5.0
Co-ordinate Geometry	2	2	10.0
Statistics	1	1	5.0
Circle	2	2	10.0
Probability	1	1	5.0
Grand Total	20	20	100.0

Social Science Analysis

Topic wise Allocation of Marks			
Subject / Topic	No. of Questions	Total Marks	Weightage in %
History			
Clothing: A Social history	2	2	5.0
Nationalism in europe	2	2	5.0
Nationalism in indo china	1	1	2.5
French revolution	2	2	5.0
Pastorlist in the modern world	2	2	5.0
Peasants and Farmers	2	2	5.0
Russian Revolution	1	1	2.5
Novel Society and History	1	1	2.5
Nationalism in India	2	2	5.0
Civics			
Federalism	1	1	2.5
Popular Struggles and movements	1	1	2.5
Gender, Religion & Caste	1	1	2.5
Out comes of Democracy	1	1	2.5
Political Parties	1	1	2.5
Geography			
Lifeline of national economy	1	1	2.5
Agriculture	2	2	5.0
Mineral and Energy Resources	2	2	5.0
Physical Divisions of India	2	2	5.0
Drainage	2	2	5.0
Climate	3	3	7.5
Population	1	1	2.5
Natural Vegetation & Wildlife	1	1	2.5
India Size & Location	1	1	2.5
Economics			
Story of village palampur	1	1	2.5
Development	1	1	2.5
Money & Credit	1	1	2.5
Sectors of Indian Economy	1	1	2.5
People as a Resource	1	1	2.5
Grand Total	40	40	100.0

Mental Ability Analysis

Topic wise Allocation of Marks			
Subject / Topic	No. of Questions	Total Marks	Weightage in %
Number Series	3	3	6.0
Letter Repeating Series	1	1	2.0
Missing term in figure	5	5	10.0
Mathematical operations	1	1	2.0
Coding-Decoding	8	8	16.0
Clock Test	2	2	4.0
Ranking & Odering- Test	1	1	2.0
Venn Diagram	3	3	6.0
Analogy	1	1	2.0
Direction Test	2	2	4.0
Puzzle Test	6	6	12.0
Sitting arr.	2	2	4.0
Sequitial Output	3	3	6.0
Cube Test	1	1	2.0
Arithmetical	6	6	12.0
Non-Verbal Series	1	1	2.0
Water/mirror image	1	1	2.0
Alpha Numeric series	1	1	
Grand Total	50	50	100.0

Language (English) Analysis

Topic wise Allocation of Marks			
Subject / Topic	No. of Questions	Total Marks	Weightage in %
Cloze Test	8	8	16.0
Sentence completion (Filler)	14	14	28.0
Parajumbles	4	4	8.0
Reading Comprehension	15	15	30.0
Phrases & Idiom	6	6	12.0
Antonyms	3	3	6.0
Grand Total	50	50	100.0