

## NTSE 2015 (Stage-1) : 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 -1 has been conducted on 2nd November, 2014. This year students of class-X were eligible for this exam. Almost 193 students will be selected for Stage-2 from Gujrat and similarly all students selected from different states and union territories will appear in Stage-2 going to be held on 10th May 2015. Almost 3500 students will appear for final stage and 1000 students will be awarded NTSE Scholarship of ₹ 1250 per month till post graduation.

It was conducted in three part

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

Timing: 11:00 AM to 02:00 PM

Overall Marks Distribution of NTSE Stage-I 2014 State : GUJARAT		
Subjects	No. of Questions	Marks allocation
Physics	12	12
Chemistry	11	11
Biology	12	12
Social Science	35	35
Mathematics	20	20
Mental Ability	50	50
Language Test	40	40
<b>Total</b>	<b>180</b>	<b>180</b>

## 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	2
Chemistry	2
Biology	2
Social Science	3
Mathematics	2
Mental Ability	3
Language	2

### Difficulty Level Analysis : No of Questions

Subject	Very Easy	Easy	Moderate	Difficult	Very difficult	Total	REMARK
Physics	7	3	2			12	
Chemistry	4	5	2			11	
Biology	4	3	3	2		12	
Social Science	6	11	13	3	2	35	
Mathematics	10	7	3			20	
Mental Ability	15	10	14	4		43	7 QUESTION BONUS
Language	15	15	7	3		40	
<b>Total</b>	<b>61</b>	<b>54</b>	<b>44</b>	<b>12</b>	<b>2</b>	<b>173</b>	

## Physics Analysis

Topic wise Allocation of Marks			
Subject / Topic	No. of Questions	Total Marks	Weightage in %
Motion	5	5	41.7
Force Laws of Motion & WEP	7	7	58.3
<b>Grand Total</b>			<b>100.0</b>

## Chemistry Analysis

Topic wise Allocation of Marks			
Subject / Topic	No. of Questions	Total Marks	Weightage in %
Structure of Atom	1	1	9.1
Mole concept	2	2	18.2
Periodic Table	1	1	9.1
Matter	7	7	63.6
<b>Grand Total</b>			<b>100.0</b>

## **Biology Analysis**

Topic wise Allocation of Marks				
Subject / Topic	No. of Questions	Total Marks	Weightage in %	Remark
Life Processes	5	5	41.7	one question bonus
Plant Morphology	2	2	16.7	
Reproduction	1	1	8.3	
Cell Biology	1	1	8.3	
Animal Tissue	1	1	8.3	
Plant Anatomy	1	1	8.3	
<b>Grand Total</b>			<b>100.0</b>	

## Mathematics Analysis

Topic wise Allocation of Marks			
Subject / Topic	No. of Questions	Total Marks	Weightage in %
Number System	9	9	45.0
simple and compound interest	2	2	10.0
Surface Area & Volume	6	6	30.0
Profit and loss	1	1	5.0
Ratio Propotion	1	1	5.0
Arithmetic Progression	1	1	5.0
<b>Grand Total</b>			<b>100.0</b>

## Mental Ability Analysis

Topic wise Allocation of Marks			
Subject / Topic	No. of Questions	Total Marks	Weightage in %
Number Series	10	10	20.0
Letter Repeating Series	10	10	20.0
Missing term in figure	5	5	10.0
Mathematical operations	1	1	2.0
Blood Relation	1	1	2.0
Ranking & Odering- Test	1	1	2.0
Venn Diagram	5	5	10.0
Logical sequencing	1	1	2.0
Calendar	1	1	2.0
compound interest	1	1	2.0
alphabet series	10	10	20.0
direction	2	2	4.0
clock	2	2	4.0
<b>Grand Total</b>	<b>50</b>	<b>50</b>	<b>100.0</b>