

### NTSE Stage-2 detailed analysis by Resonance Experts

**NTSE 2021:** The National Talent Search Examination (NTSE) is a national level examination cum scholarship programme. The scholarship programme is conducted by NCERT and students studying in class X are eligible for **NTSE 2021** examination and selection procedure. NTSE stage 1 was conducted in month of December-2020 across the nation. NTSE Stage 2 was conducted on Oct 24, 2021.

**Eligibility:** As per the eligibility criteria of NTSE, all the students studying in X standard are eligible to apply for this scholarship programme. A student from any state of the country can register for this examination and scholarship scheme. A student can be from a government or a private school.

**Pattern/ Syllabus:** The National Talent Search Examination is conducted for students studying at the Class X level. The examination consists of two tests:

1. Mental Ability Test (MAT)
2. Scholastic Aptitude Test (SAT)

#### NTSE Mental Ability Test (MAT) Syllabus

This test is to judge the power of reasoning, ability to think, ability to judge, evaluate or discriminate, ability to visualize in the space, spatial orientation, etc. A variety of questions, for example - analogies, classification, series, pattern perception, hidden figures, coding decoding, block assembly, problem solving, etc. are used for this purpose.

#### NTSE Scholastic Aptitude Test (SAT) Syllabus (Maths, Science & Social Science)

This section is conducted to judge how much of text-book knowledge you have gained. As India doesn't has any single unified board system, NCERT has not prescribed any particular syllabus for the State Level Examination or for National Level Examination.

You can expect questions that are asked at the National Level (Stage-II) to be standard of Classes IX and X level.

**Question Paper:** The medium of test is English and regional languages and it comprised of 200 question. The students have to select and mark one right answer from the four given options. Each right answer carry one point each, thus making the total score of the candidate in a test equal to the number of questions answered correctly. However, at the second stage No Negative marking.

**Merit Clause:** All the students who achieve requisite scores at this level automatically qualify for scholarships that are handed over by NCERT.

### OVERALL MARKS DISTRIBUTION

The **NTSE Stage 2, 2021 Exam Pattern** is an objective type test based on paper-pencil format.

Test	No. Of Questions	Maximum Marks	Time Allotted
<b>MAT</b>	100 Questions	100 Marks	120 minutes
<b>SAT - Maths, Science, Social Science</b>	100 Questions	100 Marks	120 minutes

### SUBJECT WISE QUESTION DISTRIBUTION

Subject	Class IX	Class X	Class XI	Class XII	Total
	No of Questions				
Physics	3	5	5	1	14
Chemistry	5	7	1		13
Mathematics	6	13	1		20
Biology	9	3		1	13
Social science	17	23			40
Mental Ability		100			100
<b>Grand Total</b>	39	152	8	1	200

### OVERALL DIFFICULTY LEVEL ANALYSIS

In this analysis we have rated every question on a scale of 1 to 3. The ratings are done by expert faculty of Resonance. The individual ratings are then averaged to calculate overall difficulty level.

- Easy
- Medium
- Tough

### DIFFICULTY LEVEL ANALYSIS: NO OF QUESTIONS

Subject	Easy	Medium	Tough	Grand Total
Physics	3	8	3	14
Chemistry	6	4	3	13
Mathematics	2	11	7	20
Biology	8	3	2	13
Social Science	18	15	7	40
Mental Ability	15	45	40	100
<b>Grand Total</b>	52	86	62	200

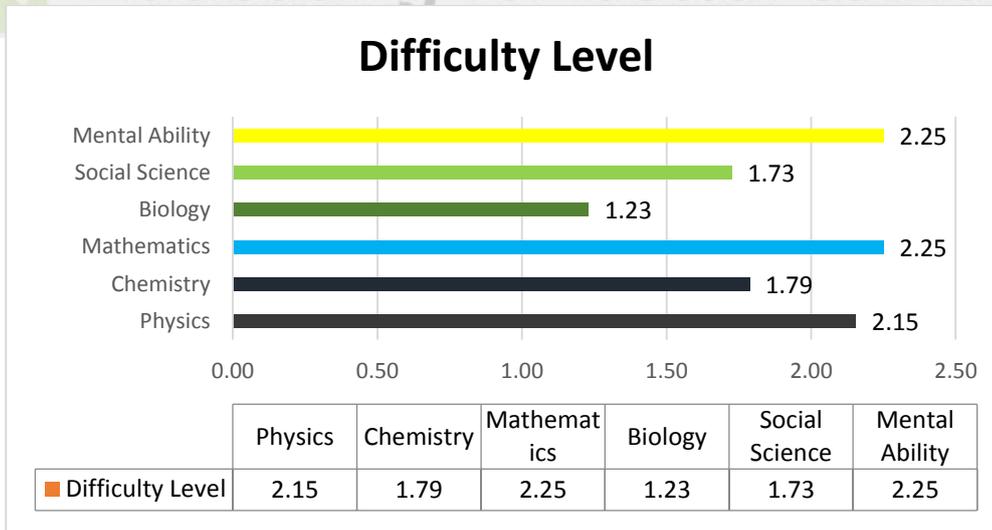
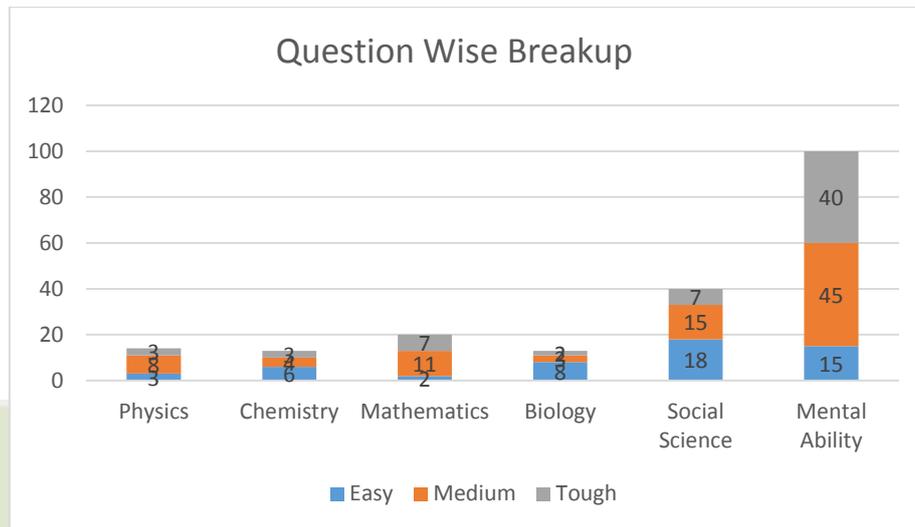
Subject	Difficulty Level
Physics	2.00
Chemistry	1.76
Mathematics	2.25
Biology	1.23
Social Science	1.725
Mental Ability	2.25
<b>Total</b>	2.03

Resonance Experts made the following observations in NTSE Stage-2 Paper:

- **Mental Ability:** Paper was lengthier from last year and that is why it is considered more difficult than last year. Two questions were ambiguous. Two questions were bonus. Three questions were there having random logic. In few questions there were different information in English and Hindi language.
- **Physics:** The paper was relatively easy than last year. there were error in one question and one question was from class 11<sup>th</sup>.
- **Biology:** The paper was easy than previous year. There were more questions from 9<sup>th</sup> class than 10<sup>th</sup> class. one question was from class 12<sup>th</sup>.
- **Chemistry:** The paper was relatively easy than last year and one question was from class 11<sup>th</sup>
- **Mathematics:** The questions in mathematics were a bit difficult than last year. Paper was lengthy due to more calculation, two questions were bonus. There were one question having two correct options. one question of geometry was of pre-rmo level. There were no questions directly from number system.
- **Social Science:** Difficulty Level of the Paper was average as compared to last year and one question came from out of syllabus.

Overall, it was felt that the MAT Paper was on the tougher side from last year and SAT Paper was on easier side thus cutoff is expected to be same or decrease.

### QUESTION WISE DIFFICULTY BREAKUP



### EXPECTED CUTOFF

Cut off is expected to be same or lesser than last year. Hence cut off for General category student is expected to be 130 marks (+/-2 marks) while for OBC it is 108 marks (+/-2 marks) and for SC it is 96 marks (+/-2 marks) and for ST it is expected to be 86 marks (+/-2 marks).