

**A Detailed Question Paper Analysis of  
STSE (State Talent Search Examination) 2022  
Paper - 1 Mental Ability Test (MAT)  
Dec 18, 2022 (9 am - 9:45 am)**

On 18th December 2022, STSE (State Talent Search Examination) - 2022 exam was conducted by RBSE (Rajasthan Board of Secondary Education). STSE is organized to find academically meritorious students in Rajasthan and to support them by helping to develop better and needful skills in the science domain/stream. The STSE exam is conducted every year annually within the Rajasthan state.

Through this exam, the students of RBSE affiliated Schools & other Govt Schools who get successfully selected in the exam become eligible to be awarded with different scholarships as per the latest criteria.

- Eligibility:
  - Students who are studying in Class 12th are eligible to apply for STSE.
  - The candidates must belong to an RBSE affiliated school or state-recognized board in Rajasthan.
  - For academic eligibility criteria, applying candidates must have completed class 11th with a minimum score of 50%.
- Question Paper Pattern:

The examination was conducted in Offline (pen paper based) mode. The time duration was different for each paper. The questions were Objective type and the exam conducted was English and Hindi languages. The test was divided into 03 sections. The detailed exam pattern was as follows:-

Paper	Exam	No. of Ques	Marks	Timing
Paper1	Mental Ability Test (MAT)	50	50	9 am - 9:45 am

Note: Plus 01 marks will be awarded for each correct answer and there is no provision of Negative Marking.

- The maximum marks for the MAT paper was 50 marks.

### **Paper1 - Mental Ability Test (MAT)**

#### **QUESTION WISE ANALYSIS**

Following is the question distribution table as per Class,Chapter, Topic & Difficulty -

Q No.	Class	Chapter Name	Topic Name	Type Of Question	Difficulty Level	Marks Allotted
1	12	Coding Decoding	Letter to Letter Coding Decoding	MCQ	Easy	1
2	12	Coding Decoding	Letter to Number Coding Decoding	MCQ	Easy	1
3	12	Venn Diagrams	Venn Diagrams	MCQ	Easy	1
4	12	Venn Diagrams	Venn Diagrams	MCQ	Easy	1
5	12	Direction Sense	Direction Sense	MCQ	Easy	1
6	12	Direction Sense	Direction Sense	MCQ	Medium	1
7	12	Verbal Series	Alphabetical Series	MCQ	Easy	1
8	12	Verbal Series	Alphabetical Series	MCQ	Medium	1
9	12	Verbal Series	Alphabetical Series	MCQ	Medium	1
10	12	Verbal Series	Alphabetical Series	MCQ	Medium	1
11	12	Verbal Series	Number Series	MCQ	Easy	1
12	12	Verbal Series	Number Series	MCQ	Easy	1
13	12	Verbal Series	Number Series	MCQ	Easy	1
14	12	Verbal Series	Number Series	MCQ	Easy	1
15	12	Syllogisms	Syllogisms	MCQ	Easy	1
16	12	Syllogisms	Syllogisms	MCQ	Easy	1
17	12	Syllogisms	Syllogisms	MCQ	Medium	1
18	12	Mathematical Operations	Mathematical Operations	MCQ	Easy	1
19	12	Mathematical Operations	Mathematical Operations	MCQ	Difficult	1
20	12	Mathematical Operations	Mathematical Operations	MCQ	Difficult	1
21	12	Mathematical Operations	Mathematical Operations	MCQ	Medium	1
22	12	Mathematical Operations	Mathematical Operations	MCQ	Medium	1
23	12	Seating Arrangement	Circular Arrangement	MCQ	Easy	1

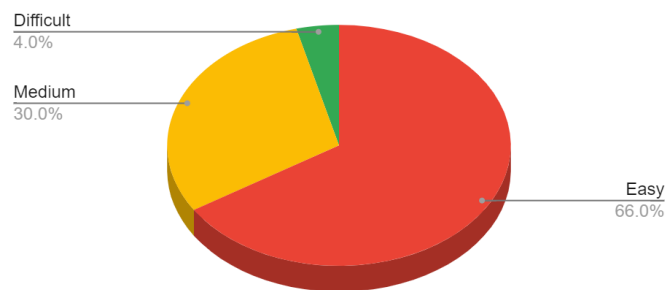
24	12	Seating Arrangement	Circular Arrangement	MCQ	Easy	1
25	12	Seating Arrangement	Circular Arrangement	MCQ	Easy	1
26	12	Seating Arrangement	Circular Arrangement	MCQ	Easy	1
27	12	Data Sufficiency	Calendars	MCQ	Easy	1
28	12	Data Sufficiency	Logical Puzzles	MCQ	Medium	1
29	12	Data Sufficiency	Coding Decoding	MCQ	Easy	1
30	12	Data Sufficiency	Equations	MCQ	Easy	1
31	12	Missing Number	Missing Number	MCQ	Medium	1
32	12	Missing Number	Missing Number	MCQ	Easy	1
33	12	Missing Number	Missing Number	MCQ	Medium	1
34	12	Missing Number	Missing Number	MCQ	Easy	1
35	12	Missing Number	Missing Number	MCQ	Medium	1
36	12	Blood Relations	Blood Relations	MCQ	Easy	1
37	12	Direction Sense	Direction Sense	MCQ	Easy	1
38	12	Number and Alphabet Test	Number and Alphabet Test	MCQ	Easy	1
39	12	Mathematical Operations	Mathematical Operations	MCQ	Easy	1
40	12	Clocks	Clocks	MCQ	Medium	1
41	12	Non Verbal Reasoning	Water Images	MCQ	Easy	1
42	12	Non Verbal Reasoning	Water Images	MCQ	Easy	1
43	12	Non Verbal Reasoning	Mirror Images	MCQ	Easy	1
44	12	Non Verbal Reasoning	Mirror Images	MCQ	Easy	1
45	12	Cubes & Dice	Opposite Face	MCQ	Easy	1
46	12	Cubes & Dice	Cutting of Cubes	MCQ	Medium	1
47	12	Quantitative Aptitude	Ratios & Proportions	MCQ	Easy	1
48	12	Quantitative Aptitude	Number System	MCQ	Medium	1
49	12	Number and Alphabet Test	Number and Alphabet Test	MCQ	Easy	1
50	12	Calendars	Calendars	MCQ	Medium	1

### DIFFICULTY LEVEL ANALYSIS

As per Aakash Byju's experts, in MAT **33** questions were easy, **15** questions were of medium difficulty & **2** questions were difficult.

Subject	Easy		Medium		Difficult		Grand Total	
	No.Of Questions	Total Marks	No.Of Questions	Total Marks	No.Of Questions	Total Marks	No.Of Questions	Total Marks
MAT	33	33	15	15	2	2	50	50

Difficulty Wise Question Distribution



### CONCLUSION

Aakash Byju's Experts feel that **Paper 1 - MAT** was Easy to Moderate.