



Rao IIT Academy

Symbol of Excellence and Perfection

JEE | MEDICAL-UG | BOARDS | KVPY | NTSE | OLYMPIADS | MHT-CET

NTSE 2017-18

QUESTION PAPER ANALYSIS

MAHARASHTRA



Rao Intelligence Search Examination (RISE) – 2017

3rd Dec 2017

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Or, Call (Between 10:00AM to 06:00PM) 7045911429 | 7045911430 | 7506503876 | 8879144746

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GENERAL OVERVIEW

- ❖ **NTSE 2017-18 Stage 1 Exam Date:** 12th November 2017
- ❖ **Subject:** Mental Ability Test (MAT), Language Comprehensive Test & Scholastic Ability Test (SAT)
- ❖ **Paper Duration:** 3 hours
- ❖ **Total No. of Question:** 200; MAT – 50, LCT – 50, SAT – 100
 - All single correct answer type questions
- ❖ **Total Marks:** 200
 - Each Question carries 1 marks.
 - For each correct response, **+1 marks** & For each incorrect response, **-0.25 mark**
- ❖ **Exam Pattern:** -

Test	No. of Questions	Maximum Marks	Time Allotted
MAT	50	50	45 minutes
LCT-Language Test	50	50	45 minutes
SAT-Math, Science, Social Sciences	100	100	90 minutes

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MARKS DISTRIBUTION

Subject	Class 8		Class 9		Class 10		Total	
	No. of Questions	Total Marks	No. of Questions	Total Marks	No. of Questions	Total Marks	No. of Questions	Total Marks
English					50	50	50	50
Mathematics			8	8	12	12	20	0
Mental Ability					50	50	50	50
Science			20	20	20	20	40	40
Social Science	2	2	12	12	26	26	40	40
Grand Total	2	2	40	40	158	158	200	200

DIFFICULTY LEVEL DISTRIBUTION

Subject	Easy Level		Medium Level		Difficult Level		Total	
	No. of Questions	Total Marks	No. of Questions	Total Marks	No. of Questions	Total Marks	No. of Questions	Total Marks
English	33	33	13	13	4	4	50	50
Mathematics	9	9	7	7	4	4	20	20
Mental Ability	35	35	4	4	11	11	50	50
Science	24	24	11	11	5	5	40	40
Social Science	22	22	11	11	7	7	40	40
Grand Total	123	123	46	46	31	31	200	200

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MENTAL ABILITY ANALYSIS

MAT - Topics	Marks Allotted
Coding-Decoding	11
Missing term in figure	9
Odd one out	5
Cube Test	3
Figure Partition & Counting	3
Paper Cutting and Folding	3
Figure Completion	2
Water Mirror Image	2
Alphabet Series	2
Analogy	2
Classification	2
Sitting Arrangement	2
Venn Diagram	2
Direction Sense	1
Time Sequence Test	1

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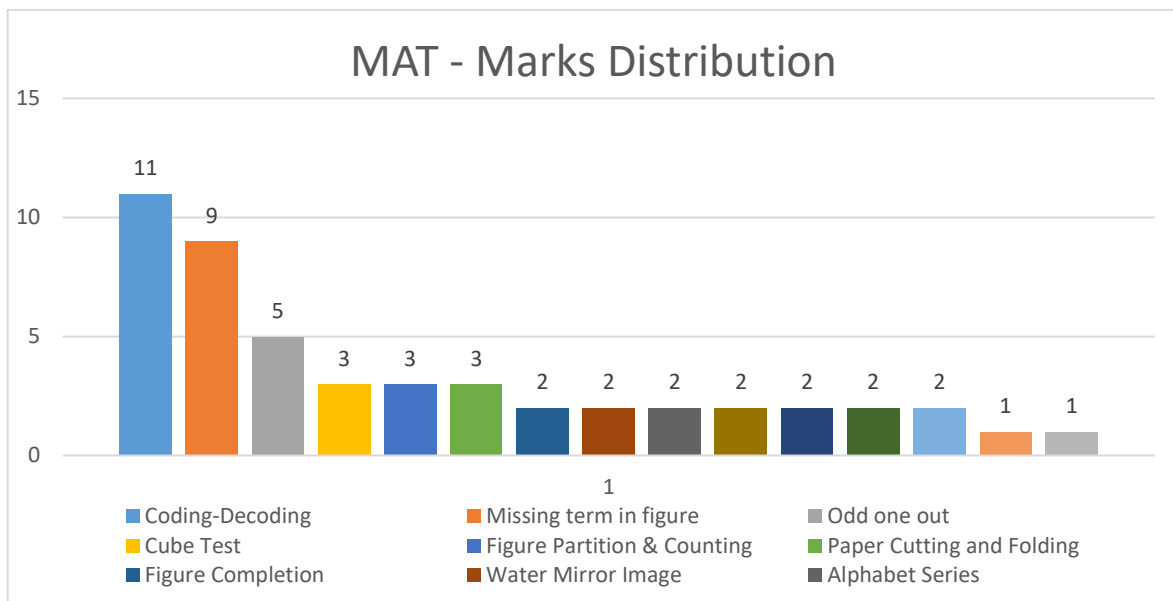
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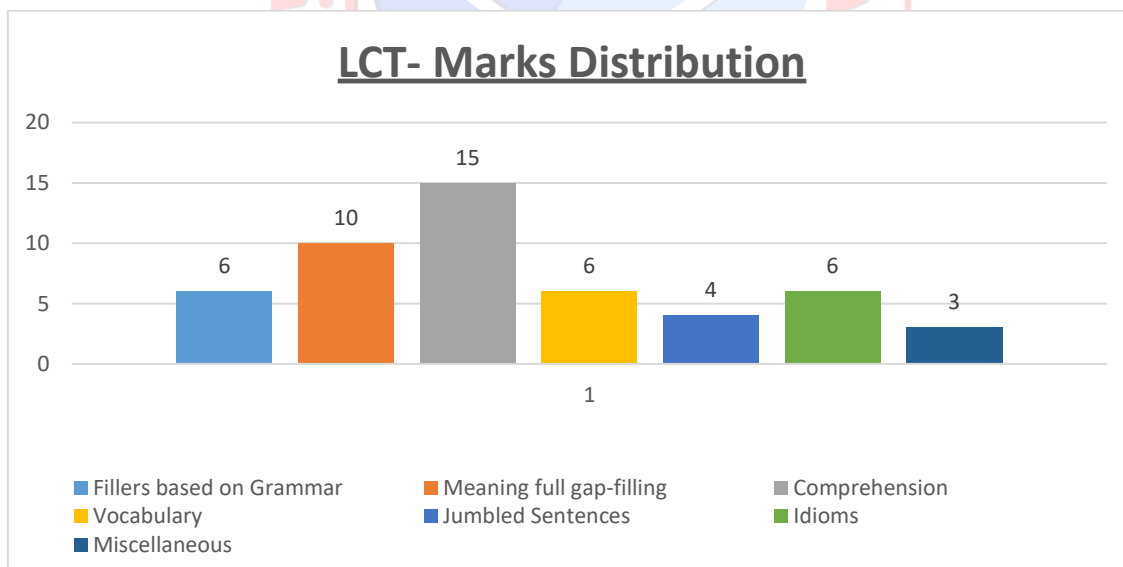
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ENGLISH COMPREHENSION TEST

ANALYSIS

LCT - Topics	Marks Allotted
Fillers based on Grammar	6
Meaning full gap-filling	10
Comprehension	15
Vocabulary	6
Jumbled Sentences	4
Idioms	6
Miscellaneous	3



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SCHOLASTIC APTITUDE TEST ANALYSIS

SCIENCE - Topics	MARKS
Acid Base Salts	5
Light	4
Human Body	3
Biodiversity	3
Electricity	3
Magnetism	3
Organic	3
Metal & Non-Metals	3
Plants	2
Inheritance & Variation	2
Periodic Properties	2
Photosynthesis	1
Pollution	1
Environment Issues	1
Circulation	1
General Science	1
Gravitation	1
Pressure	1

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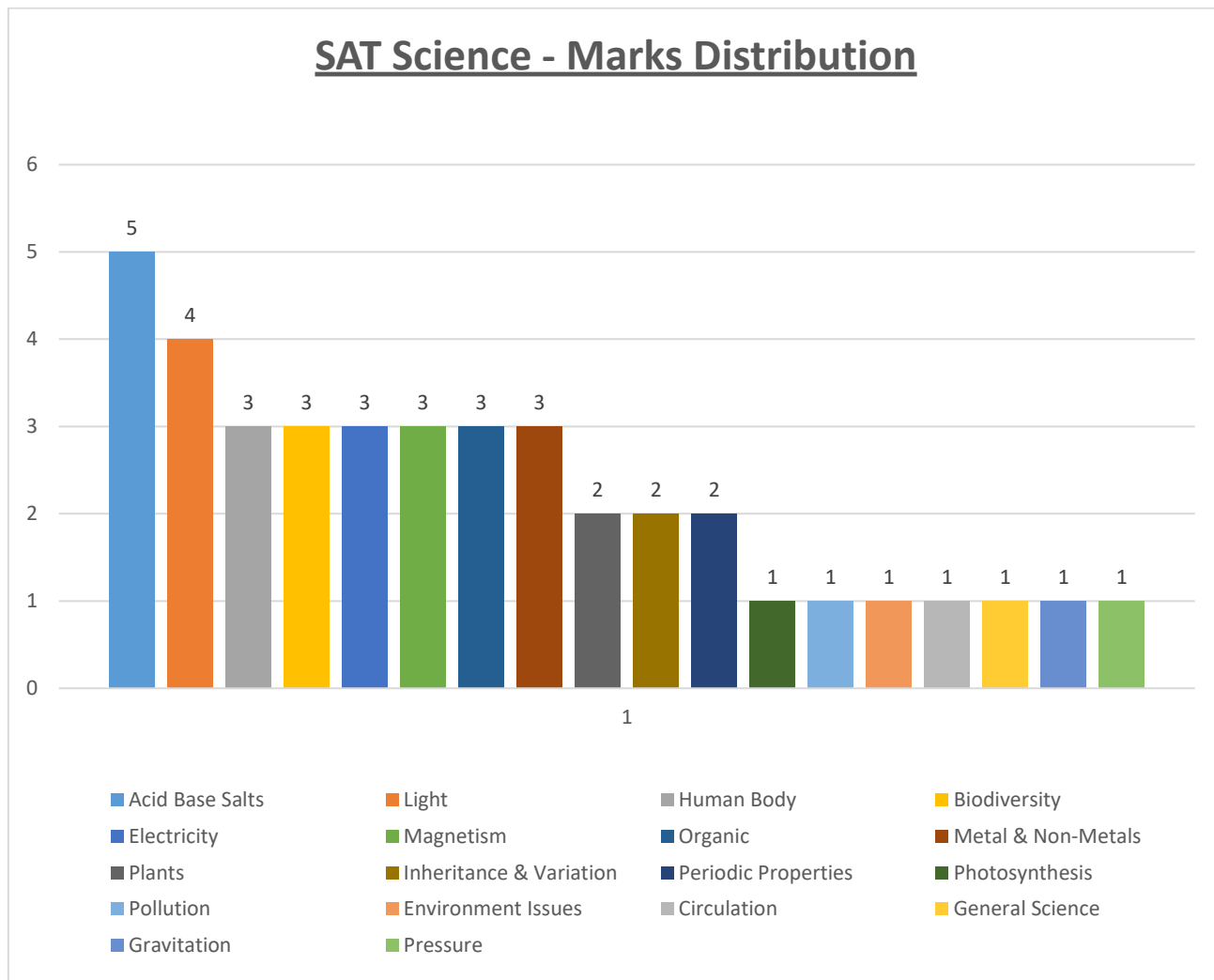
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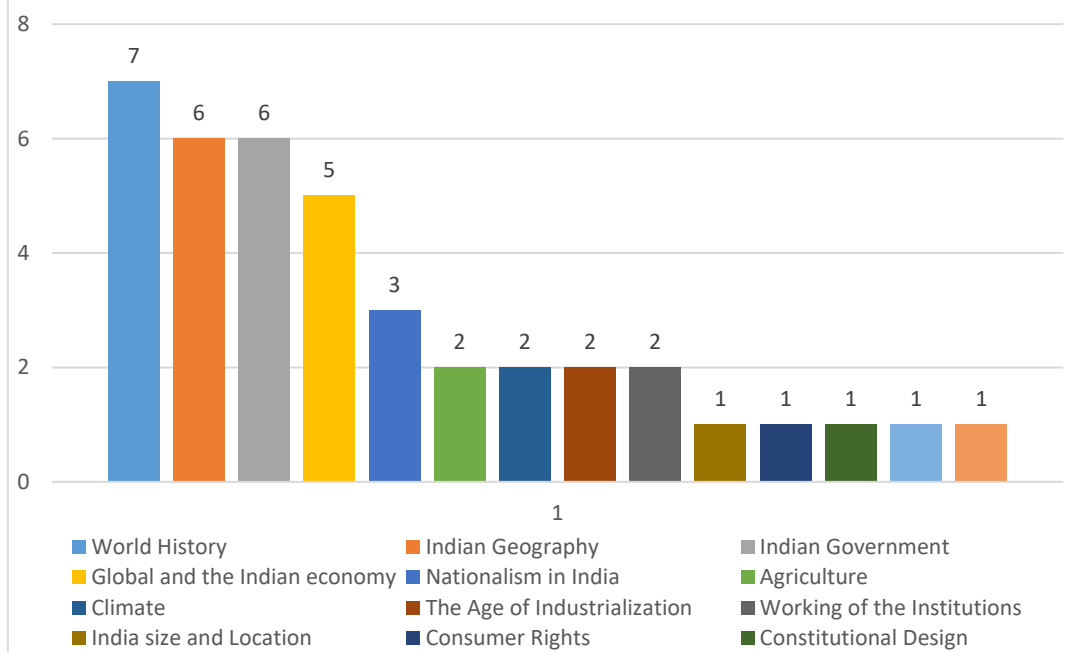
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SOCIAL SCIENCE - Topics	MARKS
World History	7
Indian Geography	6
Indian Government	6
Global and the Indian economy	5
Nationalism in India	3
Agriculture	2
Climate	2
The Age of Industrialization	2
Working of the Institutions	2
India size and Location	1
Consumer Rights	1
Constitutional Design	1
Democratic Rights	1
Electoral Politics	1

SAT Social Science - Marks Distribution



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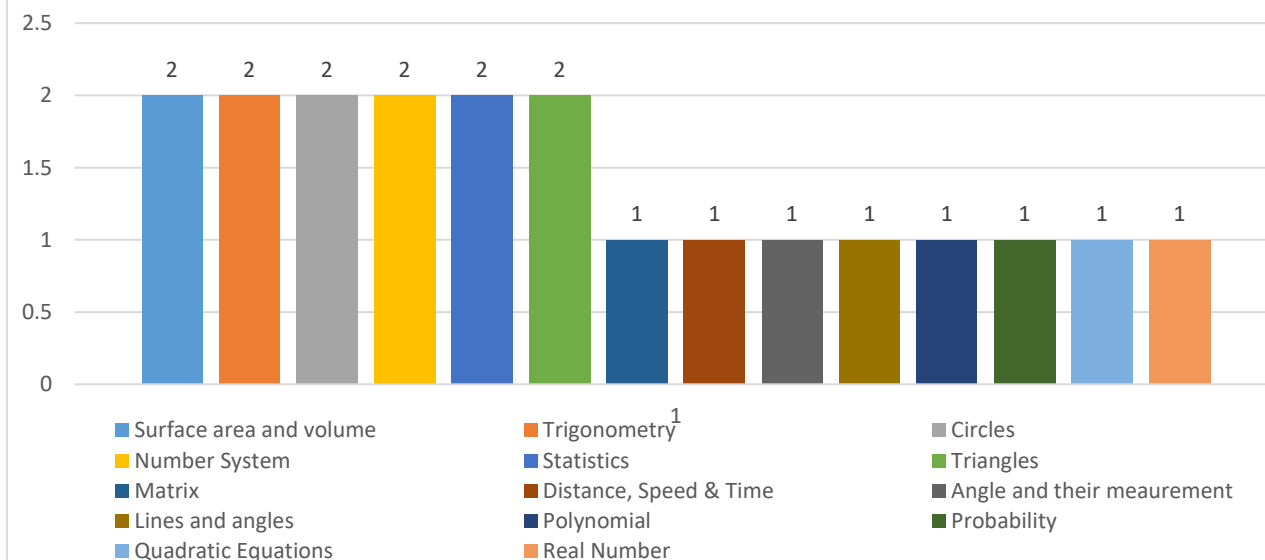
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SCHOLASTIC APTITUDE TEST ANALYSIS

MATHS - Topics	MARKS
Surface area and volume	2
Trigonometry	2
Circles	2
Number System	2
Statistics	2
Triangles	2
Matrix	1
Distance, Speed & Time	1
Angle and their measurement	1
Lines and angles	1
Polynomial	1
Probability	1
Quadratic Equations	1
Real Number	1

SAT Maths - Marks Distribution



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