



Rao IIT Academy

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GANIT PRABHUTVA EXAMINATION – 2017

LEVEL – I

QUESTION PAPER ANALYSIS



Rao Intelligence Search Examination (RISE) – 2017-18 **7th January 2018**

To register, log onto <http://www.raoiit.com/rise>

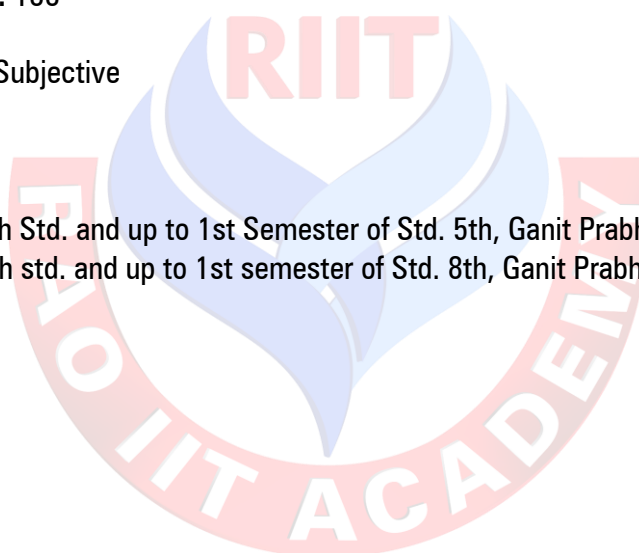
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GENERAL OVERVIEW

- ❖ **About the Exam:** From the year 2011 Brihan Mumbai Ganit Adhyapak Mandal, Mumbai, Pune Adhyapak Mandal, Pune and Nashik Ganit Adhayan–Adhayapan Vikasan Sanstha has started "Ganit Prabhutva Examination" for the students of **Std. 5th and Std. 8th.**
- ❖ **Ganit Prabhutva Exam Level – I Date & Time:** Sunday 10th December 2017, 12 PM – 3 PM
- ❖ **Medium of Exam:** English, Marathi
- ❖ **Subject:** Mathematics
- ❖ **Paper Duration:** 3 hours
- ❖ **Marking Scheme:**
Maximum Marks: 100
- ❖ **Types of questions:** Subjective
- ❖ **Syllabus:**
5th Std.: 1st to 4th Std. and up to 1st Semester of Std. 5th, Ganit Prabhutva Book for 5th Std.
8th Std.: 5th to 7th std. and up to 1st semester of Std. 8th, Ganit Prabhutva Book for 8th Std.



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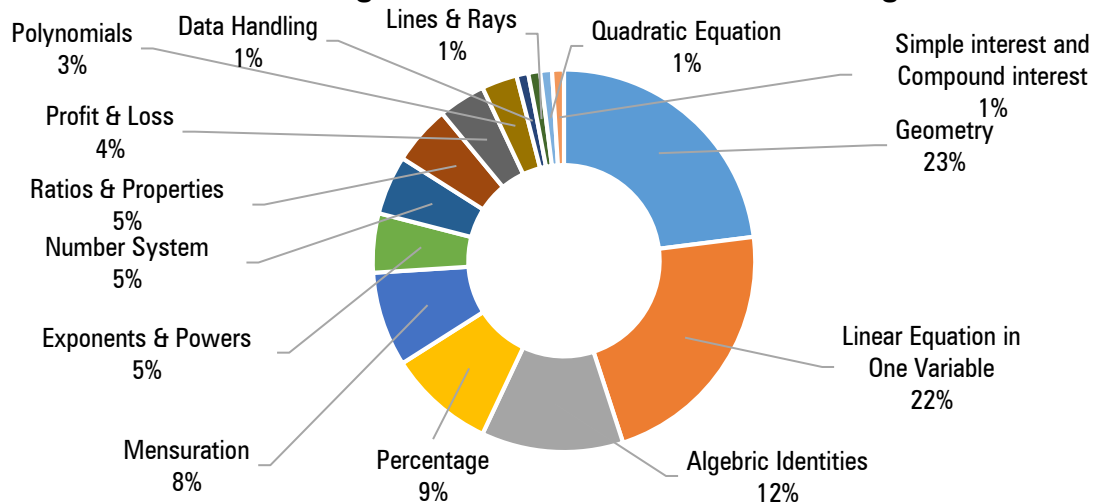
PAPER ANALYSIS

Q. No.	Sub-question No.	Topic	Sub-Topic	Marks Assigned	Difficulty Level (Easy, Moderate, Difficulty)
1 - A	1)	Lines & Rays	Rays	1	Easy
	2)	Number System	Decimal	1	Moderate
	3)	Geometry	Circles	1	Moderate
	4)	Simple interest and Compound interest	Simple Interest	1	Easy
	5)	Profit & Loss	Profit Loss	1	Moderate
	6)	Data Handling	Average	1	Moderate
	7)	Quadratic Equation	Factorization	1	Moderate
	8)	Ratios & Properties	Ratios	1	Easy
	9)	Mensuration	Area of Circles	1	Easy
	10)	Exponents & Powers	Exponents	1	Easy
1 - B	1)	Mensuration	Area of Trapezium	2	Easy
	2)	Linear Equation in One Variable	Linear Equation	2	Easy
	3)	Geometry	Parallel Lines	2	Easy
	4)	Geometry	Length of Chord of circle	2	Moderate
	5)	Geometry	Triangle Inequality	2	Moderate
2	1)	Algebraic Identities	$(a+b)^3$	3	Moderate
	2)	Linear Equation in One Variable	Linear Equation in One Variable	3	Moderate
	3)	Polynomials	Division, Remainder Theorem	3	Moderate
	4)	Profit Loss	Profit Loss	3	Moderate
	5)	Geometry	Pythagoras Theorem'	3	Moderate
3	1)	Algebraic Identities	$(a+b+c)^3$	4	Moderate
	2)	Percentage	Percentage	4	Moderate
	3)	Linear Equation in One Variable	Linear Equation in One Variable	4	Moderate
	4)	Geometry	Similarity of triangles	4	Moderate
	5)	Exponents & Powers	Exponents & Powers	4	Moderate
4	1)	Geometry	Construction of Triangles	4	Moderate
	2)	Number System	LCM & GCD	4	Moderate
	3)	Ratios & Properties	Rectangles & Squares	4	Moderate
	4)	Linear Equation in One Variable	Linear Equation in One Variable	4	Easy
	5)	Linear Equation in One Variable	Linear Equation in One Variable	4	Moderate
5	1)	Geometry	Rectangles	5	Easy
	2)	Percentage	Percentage	5	Moderate
	3)	Algebraic Identities	$(a+b)^2$	5	Moderate
	4)	Linear Equation in One Variable	Linear Equation in One Variable	5	Moderate
	5)	Mensuration	Area of Circle/Square	5	Easy

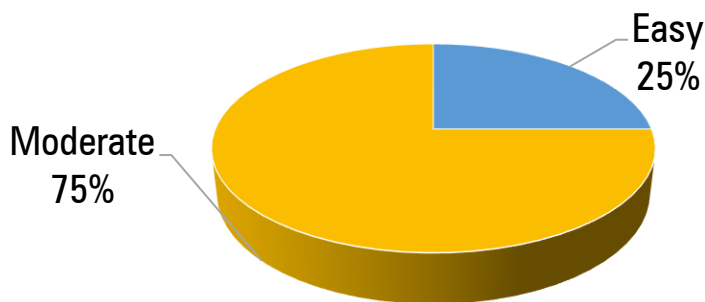
PAPER ANALYSIS

Topic	Marks Assigned
Geometry	23
Linear Equation in One Variable	22
Algebraic Identities	12
Percentage	9
Mensuration	8
Exponents & Powers	5
Number System	5
Ratios & Properties	5
Profit & Loss	4
Polynomials	3
Data Handling	1
Lines & Rays	1
Quadratic Equation	1
Simple interest and Compound interest	1
Total Marks ->	100

Percentage Marks Distribution in Percentage



Difficulty Level Wise Distribution of Marks in Percentage



RESULT DECLARATION, CUTOFF & LEVEL II EXAM

- ❖ **Date of Result:** 9th January 2018 on <http://www.mumbaiganitmandal.com/> at 3 PM
- ❖ **Cutoff:** The student, who will get 75 or more than 75 marks, will be eligible for level – 2.
- ❖ **Level II Exam:** Ganit Prabhutva Spardha
 - **Day and Date:** Sunday 18th February 2018
 - **Time:** 12.00 noon to 2.00 p.m.
 - **Marks and Time:** 100 marks, 2 Hours.
 - **Syllabus:** Same as Ganit Prabhutva Level – I but difficulty Level will be higher.
 - **List of Reference Book for Level II -**
http://www.mumbaiganitmandal.com/index.php?option=com_content&view=article&id=74&Itemid=69&lang=en



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