



Institute of Mathematics Education

Call : +91 810 401 1965

E-mail : imethane@gmail.com

Website : www.aiime.org

यथा शिखा मयूराणां ।
नागानां मणयो यथा ॥
तद्वद् वेदांगशास्त्राणां ।
गणितं मूर्धनि स्थितम् ॥

Just as the crest of the peacock and the gem of the cobra, stays right at the top, similarly study of Mathematics is the topmost among the study of all Vedas and Shastras.

Mathematical Competition

(Academic Year 2026-27)

All India Junior Maths Olympiad



Junior Maths Olympiad 2027

For Class V, VI, VII & VIII Students
(ICSE, CBSE, State Board Schools)

An Appeal

Dear Principals, Maths Teachers & Parents,

Greeting from the Institute of Mathematics Education!

We, at IME, have been dedicated to the cause of nurturing excellence in Mathematics, for several years now. Our endeavor is to stimulate the spirit of enquiry, innovation and creativity amongst children through activities that make Mathematics an enjoyable and interesting pursuit. One such activity that the IME conducts is the Junior Maths Olympiad (JMO).

JMO serves as a strong preparatory foundation for the Indian Olympiad Qualifier in Mathematics (IOQM), conducted by Homi Bhabha Centre for Science Education, Government of India. Thousands of students have appeared for MAT and JMO exams so far. Some of our students have represented India in International Olympiads of Mathematics, Physics and Astronomy and won laurels for the country.

We are aware that you always take several initiatives in making learning interesting and meaningful for students. We look forward to your support, in our endeavor to ignite the spark of curiosity and learning in young minds.



For Std. V / VI & VII / VIII Preliminary Exam

Maths Aptitude Test - 2026 (All India Level)

Date of Exam	Day	Time	Last Date of Registration	Tentative Date of Result	Registration Fee
1 st Aug. 2026	Sat.	2 p.m. to 4 p.m.	4 th July 2026	1 st Sept. 2026	₹ 350/-
29 th Aug. 2026	Sat.	2 p.m. to 4 p.m.	25 th July 2026	28 th Sept. 2026	

Note : Schools can choose any one date for their students. Students appear for exam in their respective schools.

In case a student wishes to appear for the examination but his/her respective school is not participating, then such students appear as Private Students and should contact IME office for more details at **Phone : 8104011965** or **E-mail : imethane@gmail.com**

Private Students appear for the exam at the centers assigned by IME.

Results are declared on the IME website www.aiime.org

Results are also sent by e-mail to schools.



For Std. V / VI & VII / VIII Final Exam

Junior Maths Olympiad - 2027 (All India Level)

Students scoring 50 and more marks in MAT 2026 will be eligible for JMO 2027.

Date of Exam	Day	Time	Last day of Registration	Tentative Date of Result	Registration Fee
7 th Feb. 2027	Sun.	10 a.m. to 12 noon	20 th Dec. 2026	31 st Mar. 2027	₹ 400/-

Note : All students will appear for the exam at the centres assigned by IME.

Results are declared on the IME website www.aiime.org

Results are also sent by e-mail to schools.

MAT : Maths Aptitude Test

Eligibility : Students studying in standard 5th, 6th, 7th and 8th

Examination Details : MAT exam is normally conducted 2 times in the month of August. Student may opt for any one attempt.

MAT exam is conducted in 2 groups.

- Primary Group : Students of Std. 5th and 6th
- Higher Primary Group : Students of Std. 7th and 8th

MAT Question Paper (Primary and Higher Primary Group)

- Question paper consists of 50 Multiple Choice Questions.
- Each question carries 4 options of which only one is correct.

- Each question carries two marks.
- There is no negative marking for wrong answers.
- Maximum marks are 100.
- First 45 questions are of easy to moderate level of difficulty.
- Last 5 questions are of higher level of difficulty.
- Time duration is 2 hours.
- Medium of examination is English.

Syllabus : Primary Group (Std. 5th and 6th)

Study of Numbers, Basic Operations on Numbers, Even, Odd, Prime and Composite Numbers, Tests of Divisibility, G.C.D. and L.C.M., Fractions, Decimal Fractions, Metric Measures, Roman Numerals, Time, Equality, Inequality and Use of Letters, Calendar, Simplification of Expression, Unitary Method, Perimeter and Area, Profit and Loss, Percentage.

Reference Books : Published by IME (Std. 5th and 6th)

- Study book
- Past year MAT papers (Topic wise) 2025-2011

Syllabus : Higher Primary Group (Std. 7th and 8th)

Operations on Numbers, G.C.D. and L.C.M., Ratio and Proportion, Percentage, Profit and Loss, Simple and Compound Interest, Average, Distance, Speed and Time, Time and Work, Squares and Square Roots, Cubes and Cube Roots, Indices, Algebraic Expressions and Factorization, Equations in One Variable, Identities, Lines and Angles, Triangles, Pythagoras Theorem, Area, Volume and Surface Area, Circle: Chords and Tangents, Polygon.

Reference Books : Published by IME (Std. 7th and 8th)

- Study book
- Past year MAT papers (Topic wise) 2025 - 2011

The students can buy the books from IME website

www.aiime.org

Books will be sent to their residence address.

Awards for MAT

For Students Scoring

- 1) **40% to 48%** : Passing Certificate
- 2) **50% to 88%** : Selection Certificate
- 3) **90% and above** : Selection Certificate & Prize
(JMO study material)

Certificates will be sent to respective schools.

For private students certificates will be sent to their residence address.

We will give a trophy to school for the highest participation in MAT2026 examination.

Junior Maths Olympiad - 2027

Eligibility : Students scoring 50 and more marks in MAT exam in the same academic year are eligible to appear for JMO exam.

Examination Details

JMO exam is conducted only once and normally in the month of February.

JMO exam is conducted in 2 groups.

- Primary Group : Students of Std. 5th and 6th
- Higher Primary Group : Students of Std. 7th and 8th

JMO Question Paper (Primary and Higher Primary Group)

- Question paper is of Subjective type.
- Maximum marks are 100 & Time duration is 2 hours.
- Medium of examination is English.

While assessing the answers, more importance is given to the logical approach followed by students.

Examination committee reserves the right to conduct student interviews (whenever required) to decide JMO 2027 awards and the decision of examination committee will be final.

Syllabus : Primary Group (Std. 5th and 6th)

Crypt Arithmetic, Puzzles like Magic Squares & Magic Stars, Special Numbers like Pentagonal Numbers and Harshad Numbers, Change of Base of Numbers, Permutations, Series, Basic concepts of Geometry.

Reference Books: Published by IME

- Study book
- Past year JMO papers 2026 - 2012

Syllabus : Higher Primary Group (Std. 7th and 8th)

Number theory (Modular Arithmetic, Concept of Congruence, Application of Wilson Theorem), Sets, Relations and Functions, Permutations and Combinations and Sequence and Series (A.P., G.P., H.P., A.M., G.M., H.M.), Quadratic Equations, Geometry (Triangles, Circles, Cyclic Quadrilaterals).

Reference Books: Published by IME

- Study book
- Past year JMO papers 2026 - 2012

Awards for JMO

Following awards are given to successful candidates.

- **Approximately Top 5% students :** Ramanujan Scholarship of ₹ 1000/- will be awarded with certificate of honor and Gold Medal.
- **Approximately Next 7% to 8% students :** Kaprekar Scholarship of ₹ 500/- will be awarded with certificate of honor and Silver Medal.
- **Approximately Next 10% to 12% students :** Consolation prize and certificate of honor.

We will give a trophy to school for winning highest number of awards in JMO 2027 examination.

School Participating in JMO 2026

Sr. No.	School Name
1	Apeejay School, Nerul, Navi Mumbai
2	Arya Gurukul, Kalyan
3	Atomic Energy Central School, Uttar Pradesh
4	B. K. Birla Public School, Kalyan
5	Carmel Convent High School, Nandkhal, Virar
6	D.A.V. Model School, Durgapur, West Bengal
7	D.A.V. Model School, Sankarpur, West Bengal
8	D.A.V. Public School, Thane
9	D.A.V. Public School, Midnapore, West Bengal
10	Delhi Public School, Durgapur, West Bengal
11	Edify Minds Junior, Faridabad, New Delhi
12	Edge Over Academy, Kandivali
13	EduSkill Classes, Pune
14	Finland International School, Thane
15	Fr. Agnel Multipurpose School, Vashi, Navi Mumbai
16	GEI's Blossom International School, Dombivali
17	GEI's High School & Jr. College, Kalyan
18	Guardian School (ICSE), Dombivali
19	Harvest Public School, Telangana
20	Holy Angels School, Dombivali
21	Holy Cross Convent High School, Thane
22	K.E.S. Bhagvati Vidyalaya, Thane
23	Little Angels English Medium School, Malegaon
24	Lokmanya Tilak International School, Koparkhairane, Navi Mumbai
25	Montessori Senior Secondary School, Kurnool, Andhra Pradesh
26	Group of Students Bangalore, Bangalore, Karnataka
27	Nalanda Public School, Mulund
28	New Horizon Public School, Airoli, Navi Mumbai
29	New Horizon Scholars School, Kolshet, Thane
30	New Horizon Scholars School, Thane
31	New Vision School, Khamma, Telangana
32	Omkar Cambridge International School (IGCSE), Dombivali
33	Omkar English Medium School (CBSE), Dombivali
34	Omkar International School (CBSE), Thakurli
35	Omkar International School (ICSE), Dombivali
36	Pawar Public School, Chandivali
37	Sadhu Vaswani International School (ICSE), Sanpada, Navi Mumbai
38	Sardar Vallabhbhai Patel Vidyalaya, Mira Road
39	Sayee Academy, Chennai
40	Smt. B. G. Shanbhag Vidyalaya, Spimprala
41	Smt. Kantaben Chandulal Gandhi English School, Kalyan
42	Smt. Sulochanadevi Singhania School, Thane
43	Smt. Sunitidevi Singhania School, Thane
44	Sri Ma Vidyalaya, Thane
45	St. Joseph's Convent Senior Secondary School, Jalgaon
46	St. Xavier's English High School & Jr. College, Thane
47	The South Indian Association High School, Dombivali
48	Tilaknagar Vidya Mandir, Dombivli
49	Vasant Vihar High School & Jr. College, Thane
50	Vidya Niketan, Dombivali
51	Vivekanand Pratishthan, Jalgaon
52	VPMs Sou A.K. Joshi English Medium School, Thane

School Participating in JMO 2026

Sr. No.	School Name
53	Arya Vidya Mandir, Juhu, Mumbai
54	B. K. Birla Public School, Kalyan, Thane
55	Bombay Scottish School, Mahim, Mumbai
56	D.A.V. Public School, New Panvel, Navi Mumbai
57	Delhi Public School, Faridabad, Haryana
58	Delhi Public School, Hyderabad, Telangana
59	Delhi Public School, Nerul, Navi Mumbai
60	Delhi Public School, RK Puram, New Delhi
61	Delhi Public School, Navi Mumbai
62	Dhirubhai Ambani International School, Mumbai
63	Don Bosco School, Park Circus, Kolkata
64	Don Bosco Senior Secondary School, Nerul, Navi Mumbai
65	EuroSchool, Airoli, Navi Mumbai
66	Fr. Agnel Multipurpose School, Ambernath (West)
67	G. D. Somani School, Cuffe Parade, South Mumbai
68	Hem Sheela Model School, Dhandabag, Durgapur
69	Hiranandani Foundation School, Hiranandani Estate, Thane
70	IES Chandrakant Patkar Vidyalaya, Dombivli
71	JBNC International School, Parel, Mumbai
72	Kashinath Palod Public School, Jalgaon
73	Lakshdham High School, Goregaon, Mumbai
74	Model English School, Dombivli
75	Modern English Academy, Barrackpore, Kolkata
76	New Horizon Scholars School, Hiranandani Estate, Thane
77	Oasis English Medium School, Parbhani
78	Omkar International School (ICSE), Dombivli
79	Orion CBSE English Medium School, Jalgaon
80	Padmalaya English Medium School, Shirsolli, Jalgaon
81	Pawar Public School, Kandivali , Mumbai
82	Podar International School (Multiple branches, Mumbai/Thane/Navi
83	Podar International School, Jalgaon
84	Podar International School, Vasant Vihar, Thane
85	Pranavananda Vidyamandir, Durgapur, West Bengal
86	Reliance Foundation School, Koparkhairane, Navi Mumbai
87	Rustomjee International School, Jalgaon
88	Ryan International School, Sanpada, Navi Mumbai
89	Sister Nivedita English Medium School, Dombivli
90	St. Mary's ICSE School, Koparkhairane, Navi Mumbai
91	St. Mary's School, Kalyan, Thane
92	St. Peter's School, Kolkata
93	St. Teresa's Convent Higher Secondary School, Jalgaon
94	Swami Vivekanand Vidya Mandir, Dombivli
95	Thane Police School, Kalwa, Thane
96	The Cambria International School & Jr. College, Kalyan
97	Universal High School, Brahmand / Ghodbunder Road, Thane
98	Vasant Vihar High School & Jr. College, Vasant Vihar, Thane
99	Vasudev C. Wadhwa Arya Vidya Mandir, Bandra, Mumbai

OUR JMO CHAMPIONS



Amey
Patwardhan

JMO 2013 Gold Medalist. He represented India in International Olympiad of Physics and Astronomy in 2017 and won Gold medal for the country 3 times.

Graduated from IISc-

Bangalore. Currently pursuing Ph.D. from University of Illinois Urbana-Champaign.



Malay
Mahajan

JMO 2018 & 2019 Gold Medalist. He has cleared PRMO, RMO, INMO successfully. He was selected for training of International Mathematics Olympiad at Homi Bhabha Centre for

Science Education. He won Silver Medal at Homi Bhabha Young Scientist exam.



Prasham Satra
JMO Silver Medalist
Pre RMO, RMO, INMO Qualified



Aditya Sawant
JMO Consolation Winner
Pre RMO, RMO, INMO Qualified



Ashmit Sahoo
JMO Gold Medalist
IOQM & RMO Qualified



Atharva Korde
JMO Gold Medalist
IOQM & RMO Qualified



Shyam Agarwal
JMO Consolation Winner
Pre RMO, RMO Qualified



Komal Nagda
JMO Gold Medalist
Pre RMO Qualified



Advay Deo
JMO Gold Medalist
IOQM Qualified

About Mathematics Olympiads

The National Board of Higher Mathematics (NBHM) was set up by Government of India under the Department of Atomic Energy (DAE) in the year 1983 to foster the development of Higher Mathematics in the country.

The Mathematics Olympiad activity was undertaken by NBHM from 1986 and is currently run in collaboration with Homi Bhabha Centre for Science Education, Mumbai. Main purpose of this activity is to support mathematical talent among high school students of our country.

To reach IMO (International Mathematical Olympiad), students have to go through following stages.

- Indian Olympiad Qualifier in Mathematics (IOQM)
- Regional Mathematics Olympiad (RMO)
- Indian National Mathematical Olympiad (INMO)
- International Mathematical Olympiad (IMO)



IMO



IOQM | RMO | INMO

For more information, you may visit following sites :
www.hbcse.tifr.res.in & www.mtai.org.in