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INDIAN INSTITUTE FOR STUDIES IN MATHEMATICS

MATHS TALENT SEARCH EXAM

for students of Classes III, IV, V,
VI, VII, VIII & IX in English



INTRODUCTION

OUR MISSION

- Develop a strong base with deeper understanding.
- Strengthen theoretical and applied dimensions of mathematics.
- Equip students with a set of conceptual skills, intuitive tricks and fast methods.
- Make students more confident and expel the baseless fear of mathematics.
- To find mathematical talent in the young and honour and inspire it by awarding scholarships.

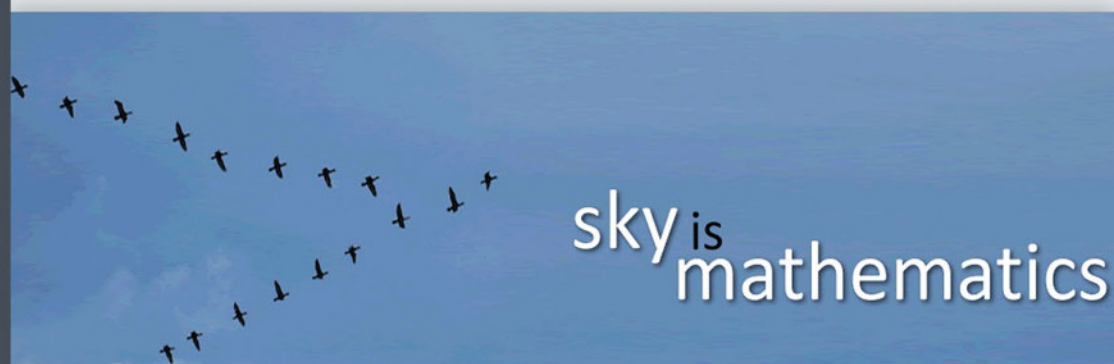
WHY MTSE?

- Compels one to think critically
- Enhances reasoning
- Tests one's confidence
- Gives exposure to the real competitive test

ABOUT US

Indian Institute for Studies in Mathematics, or IISMA, is an organisation devoted to the promotion of mathematics at all levels.

Mathematics is the language of nature and an indispensable part of our life. We firmly believe it is essential to broaden and deepen the understanding of mathematical concepts among students right from the beginning, outside the rigid framework of the standard school syllabus. In course of time, the student develops an intuitive approach, critical thinking and a quick hand at calculations.



ABOUT MTSE

To test their understanding of mathematical concepts, and to prepare them to face competitive examinations, IISMA is organising Maths Talent Search Examination or MTSE for the students of Classes III to IX in English. The focus of this exam is on reasoning, mental ability, novel approach, concepts, accuracy and speed. IISMA earnestly solicits your co-operation in this endeavour to honour and inspire mathematical talent in the young.

ELIGIBILITY

MTSE is an open exam. Any student studying in Class III, IV, V, VI, VII, VIII, IX with ICSE, CBSE, IB or any State Board is eligible to appear for MTSE. A student can appear only for the class in which he/she is studying during the academic year.

MTSE 2015

NATURE

The paper will consist of 50 objective questions, each will have 4 alternatives. These questions are to be answered in 90 minutes, on either an OMR (Optical Mark Recognition) answer sheet or online. A correct answer is awarded 2 marks, whereas a wrong answer carries a penalty of 0.5 marks, except for Classes III and IV.

TIMINGS

09.00 a.m. to 10.30 a.m.

(The management reserves the right to change the date and/or timings of MTSE under unavoidable circumstances. Any request for the adjustment in date and/or timings of MTSE will not be entertained)

MODE OF PAYMENT

The registration fee of Rs.250 only, can be paid either by -

- (i) online banking or
- (ii) debit / credit card

The bank details are to the right.

Current A/C No.: 05012020000872
Bank: HDFC BANK LTD
State: Maharashtra
District: Greater Mumbai
Branch: Mumbai Mistry Bhavan
Extn Ctr
IFSC Code : HDFC0000501



universe is
mathematics

AWARDS

Students scoring above 30 or the Benchmark score (average score of all the students for that class), whichever is higher, are declared as successful.

Mementoes are awarded to the top 5 rank holders of each class.

The top 200 successful students from each class are awarded a Certificate of Merit and Cash prizes worth more than Rs. 3.5 lacs in total.

A Certificate of Participation is awarded to all other students writing the exam.

RANK	AWARD (each)
1	Rs. 2500
2	Rs. 2000
3	Rs. 1500
4	Rs. 1250
5	Rs. 1000
6-10	Rs. 750
11-20	Rs. 400
21-35	Rs. 300
36-55	Rs. 250
56-80	Rs. 225
81-110	Rs. 200
111-150	Rs. 175
151-200	Rs. 150

DATE OF EXAM

8TH FEB
2015

(T E N T A T I V E)

MEDIUM OF EXAM

ENGLISH

REGISTRATION

www.iisma.com/regsiter.html

REGISTRATION FEES

250^{RS}
ONLY

LAST DATE FOR REGISTRATION

31 OCT
2014

(T E N T A T I V E)

A W A R D S

3.5+ LACS
CASH
PRIZES

SYLLABUS

STD III

Number Sequence up to 1000, Arithmetic Operations, Mathematical Expressions, Fractions, Measurement, Currency, Length, Weight, Volume, Time, Geometrical Concepts.

STD IV

Number Sequence up to five digits, Roman Numerals, Divisibility, Arithmetic Operations, Mathematical Expressions, Brackets, Fractions and Decimals, Measurement, Currency, Length, Weight, Volume, Time, Angles, Geometrical Concepts.

STD V

Number Sequence up to nine digits, Roman Numerals, Divisibility, Arithmetic Operations, Mathematical Expressions, Brackets, GCD and LCM, Fractions and Decimals, Average, Profit and Loss, Percentage, Interest, Measurement, Currency, Length, Weight, Volume and Area, Time, Distance and Speed, Angles, Circles, Geometrical Concepts.

STD VI

Integers, Roman Numerals, Divisibility, Arithmetic Operations, Mathematical Expressions, Brackets, Indices, Ratio and Proportion, GCD and LCM, Fractions and Decimals, Average, Profit and Loss, Percentage, Interest, Measurement, Currency, Length, Weight, Volume and Area, Time, Distance and Speed, Angles, Circles, Triangles, Construction, Geometrical Concepts, Graphs.



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STD VII

Rational Numbers, Roman Numerals, Divisibility, Arithmetic Operations, Mathematical Expressions, Brackets, Indices, Variation, GCD and LCM, Fractions and Decimals, Pythagoras Theorem, Average, Profit and Loss, Percentage, Interest, Measurement, Currency, Length and Weight, Volume, Area and Surface Area, Time, Distance and Speed, Angles, Circles, Triangles, Quadrilaterals, Symmetry, Congruence, Construction, Geometrical Concepts, Graphs.

STD VIII

Real Numbers, Divisibility, Arithmetic Operations, Mathematical Expressions, Brackets, Indices, Variation, GCD and LCM, Fractions and Decimals, Pythagoras Theorem, Simultaneous Equation, Quadratic Equation, Average, Profit and Loss, Percentage, Compound Interest, Measurement, Length and Weight, Volume, Area and Surface Area, Time, Distance and Speed, Banking, Angles, Circles, Triangles, Quadrilaterals, Symmetry, Similarity and Congruence, Construction, Co-ordinate Geometry, Geometrical Concepts, Statistics, Graphs.

STD IX

Real Numbers, Surds, Sets, Divisibility, Arithmetic Operations, Mathematical Expressions, Brackets, Indices, Variation, GCD and LCM, Fractions and Decimals, Pythagoras Theorem, Polynomials, Simultaneous Equation, Quadratic Equation, Average, Profit and Loss, Percentage, Compound Interest, Measurement, Length and Weight, Volume, Area and Surface Area, Time, Distance and Speed, Banking and Transactions, Trigonometry, Angles, Circles, Triangles, Quadrilaterals, Parallelogram, Symmetry, Similarity and Congruence, Construction, Co-ordinate Geometry, Geometrical Concepts, Statistics, Graphs.

RESOURCES

MTSE Question Papers - Class III
(10 papers with Solutions) Rs. 200

STD III

MTSE Question Papers - Class IV
(10 papers with Solutions) Rs. 200

STD IV

MTSE Question Papers - Class V
(10 papers with Solutions) Rs. 200

STD V

MTSE Question Papers - Class VI
(10 papers with Solutions) Rs. 200

STD VI

MTSE Question Papers - Class VII
(10 papers with Solutions) Rs. 200

STD VII



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MTSE Question Papers - Class VIII
(10 papers with Solutions) Rs. 200

STD VIII

MTSE Question Papers - Class IX
(10 papers with Solutions) Rs. 200

STD IX

The above publications can be bought from IISMA's office by sending the cost of the publication(s) + Courier charges of Rs. 30.00 in Mumbai, Thane and Navi Mumbai area; Rs. 40.00 in Maharashtra; Rs. 50 beyond Maharashtra.

EXAM CENTRES

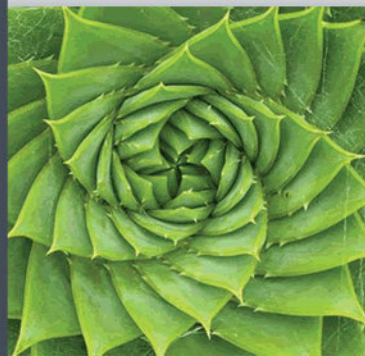
96
CENTRES

83
CITIES

16
STATES

PAN
INDIA
PRESENCE

ANDHRAPRADESH
UTTARPRADESH
MAHARASHTRA
KERALA
GUJARAT
WESTBENGAL
DELHI
MADHYAPRADESH
TAMILNADU
RAJASTHAN
KARNATAKA
BIHAR
GOA
UTTARAKHAND
ORISSA
CHANDIGARH



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DOMBIVALI, THANE
KANDIVALI, MUMBAI
THANE
SION, MUMBAI
MALAD, MUMBAI
VILE PARLE, MUMBAI
AMRAVATI
MULUND, MUMBAI
VASHI, NAVI MUMBAI
VIDYAVIHAR, MUMBAI
AHMEDNAGAR
POKHRAN, THANE
SADASHIV PETH, PUNE
CHARKOP, MUMBAI
ALIBAUG
AKOT
KALYAN, THANE
AMBAJOGAI
NIGDI, PUNE
PEN
VASAI, THANE
HADAPSAR, PUNE
UMARGAM
AURANGABAD
PANVEL
PARLI VAJINATH
GOA
BEED

NASIK
SATARA
DHARMABAD
RAJAHMUNDY
HOWRAH
URULIKANCHAN, PUNE
LONI KALBHOR, PUNE
NANDED
JALGAON
VADUJ
SURAT
BHAYANDAR, THANE
DELHI
BANGALORE
DAUND, PUNE
JABALPUR
LONAVLA
JALNA
HYDERABAD
PALGHAR, THANE
NAGPUR
CHENNAI
AHMEDABAD
KOLAR
PATNA
CHANDIGARH
THIRUVANANTPURAM
KOTTAYAM

LATUR
VITA
LUCKNOW
VISAKHAPATNAM
GAMHARIA
VADODARA
BELGAUM
GULBARGA
MYSORE
UDUPI
ERNAKULAM
IDUKKI
KOCHI
MALAPPURAM
PALAKKAD
THRISSUR
BULDANA
SANGLI
KHURDA
RAJGANGPUR
JODHPUR
COIMBATORE
BADAUN
JAUNPUR
JHANSI
MUZAFFARNAGAR
UDHAM SINGH
NAGAR

TOPPERS



STD: 3
RANK: 1
SCORE:
100

SUJATRO BHADRA
ASSEMBLY OF CHRIST
SCHOOL, BARRACK-
PORE, KOLKATA



STD: 4
RANK: 1
SCORE:
100

ADIT HEERAK BASU
ARYA VIDYA MANDIR,
BANDRA (W), MUMBAI



STD: 5
RANK: 1
SCORE:
100

ADITYA P. RANADE
IES CHANDRAKANT
PATKAR VIDYALAYA,
DOMBIVALI (E), THANE



STD: 6
RANK: 1
SCORE:
100

ABHAY R. JAIN
ST JOSEPH'S HIGH
SCHOOL, MALAD (W),
MUMBAI



STD: 6
RANK: 1
SCORE:
100

SARTHAK TAKATE
SISTER NIVEDITA ENG-
LISH SCHOOL, DOM-
BIVALI (E), THANE



STD: 7
RANK: 1
SCORE:
100

SHUBHAM A. ATIT
JAMNABAI NARSEE
SCHOOL, JUHU,
MUMBAI

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STD: 8
RANK: 1
SCORE:
97.5

BHASKAR GUPTA
JAMNABAI NARSEE
SCHOOL, JUHU,
MUMBAI



STD: 8
RANK: 1
SCORE:
97.5

SHAURYASIKT JENA
VISHWA BHARATI
PUBLIC SCHOOL,
NOIDA, DELHI



STD: 9
RANK: 1
SCORE:
100

AYUSH H. SONERIA
RUSTOMJEE CAM-
BRIDGE INTL SCHOOL,
DAHISAR (W), MUMBAI



STD: 9
RANK: 1
SCORE:
100

DAKSH D. KAPUR
SPRING DALES
SCHOOL, PUSA, DELHI



STD: 9
RANK: 1
SCORE:
100

DWAIPAYAN S. KARAK
ATOMIC ENERGY CEN-
TRAL SCHOOL-2, TAPP,
PALGHAR, THANE



STD: 9
RANK: 1
SCORE:
100

HARSHIL R. JAIN
ST JOSEPH'S HIGH
SCHOOL, MALAD (W),
MUMBAI

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Pure mathematics is, in its way, the poetry of logical ideas.

- Albert Einstein



The study of mathematics, like the Nile, begins in minuteness but ends in magnificence.

- Charles Caleb Colton

For further information contact -
The Examination-In-Charge
Indian Institute for Studies in Mathematics
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Website: www.iisma.com

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