

JMMCRF - Shakuntala Devi Memorial Math Talent Search Exam 2026



(Only For Girls Students)

Offline Mode - English Version

www.mathjmmc.in



Class - I to XII (All India)

Medals, Certificates & Other Prizes



JMMC RESEARCH FOUNDATION

" A Clarion Call, Mathematics For All "

an ISO 9001:2015 certified organization

Junior Master Mathematics Competition Research Foundation

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JMMC RESEARCH FOUNDATION

SHAKUNTALA DEVI MEMORIAL INTER SCHOOL MATH TALENT SEARCH ALL INDIA EXAM 2026



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APPLICATION FORM (FILL IN BLOCK LETTERS)

CANDIDATE'S NAME :

GUARDIAN NAME :

RELATION WITH GUARDIAN :

COMPLETE RESIDENTIAL ADDRESS :

E-MAIL :

SCHOOL:

CLASS : SECTION : ROLL NUMBER:

CONTACT NUMBERS :

PAYMENT METHODS: - REGISTRATION FEES - **Rs. 601/-**



JMMC RESEARCH FOUNDATION



A/C name - JMMC RESEARCH FOUNDATION

A/C number - 42072989188

IFSC - SBIN0002117

STATE BANK OF INDIA

ATTACH THE PAYMENT RECEIPT ALONG WITH
THE PROPERLY FILLED UP FORMS



Google Pay

JMMC RESEARCH FOUNDATION



CONVENOR'S COPY

FOR CLASS-(I-XII)

"Mathematics is the language in which God has written the universe". To encourage and gain excellence in Mathematics JMMC RESEARCH FOUNDATION organizes a Talent search examination for students who are interested in the subject. On the basis of results in this examination we want to reward the participants and honour the teachers and the Institution they belong to in due time.

RULES & REGULATIONS

Exam Date: as per school decision (Before **31ST AUGUST, 2026**)

Time: as per school decision

EXAM DURATION - 60 minutes

Question Pattern: M.C.Q containing 30 questions.

Marking Procedure: 5 Marks will be awarded for each correct answer and there is no negative marking for

wrong answer.

Answering Process: Only PENCIL / BLACK or BLUE BALL POINT PEN is to be used for writing on the answer paper and scratching or using whitener is not allowed on the answer paper.

Version of Question: ENGLISH

Date of Announcement of Result: **5th SEPTEMBER, 2026**, at 11 P.M at www.mathjmmc.in.

Result will be sent to School within One Month of declaration of the same.

Prizes:

First 10 RANKERS of each Class will be awarded **Medals**

ALL THE PARTICIPANTS will be given **certificates** mentioning marks, ranks (for 1st 10 Rankers of each Class) and grades from JMMCRF and many other Prizes are also there.

NOTE: A student must score **70%** or more to get their name enlisted in the merit list. Only the top 10 meritorious students from each class (atleast 70% marks holders) from the merit list will be considered as rankers.

Exam Fees- **Rs.601/-**

JMMCRF - SHAKUNTALA DEVI MEMORIAL MATHS TALENT SEARCH EXAM 2026 (ALL INDIA- offline)

SYLLABUS

CLASS-I : Number Sense, Computation Operations, Addition, Subtraction, Multiplication, division, Reasoning and Aptitude.

CLASS-II : Formation of numbers and counting system, Multiplication and Division, Prime numbers, Divisibility, Fractions and Decimals, Measurements and Units, Measurement of time, Reasoning and Aptitude.

CLASS-III : Number system, Additions, Subtraction, Multiplication, Division, Fractional Numbers, Money, Time measurement, Measurement (Length, Mass, Capacity), Calendar, Average, Reasoning and Aptitude.

CLASS-IV : Number system, Additions, Subtraction, Multiplication, Division, Multiples & Factors, H.C. F, L.C.M, Fractional Numbers, Additions & Subtraction of Fractions, Multiplication & Division of Fractions, Decimal fraction, Unitary Method, Average, Measurement of time, Measurement & Metric System (Length, Mass, Capacity), Reasoning and Aptitude.

CLASS-V : Number system, Addition, Subtraction, Multiplication, Division, Factors and Multiples, Fractions and Decimal fraction, Metric system, Area of a rectangle & Square, Volume of Rectangular Parallelopiped, Unitary System, Simplification, Clock, Reasoning and Aptitude.

CLASS-VI : Number system, H.C.F and L.C.M, Fractions, Decimal fraction and recurring decimals, Simplification, square root, percentage, Average, Measurement and Metric system, Unitary method, Ratio and proportion, Area and Perimeter, Algebra-Idea of variables, Geometry-point, Line, Line Segment, Ray, Angles, Circle, Different Geometrical shapes, Geometry of solids, Symmetry, Reasoning and Aptitude.

CLASS - VII : Number System, Fractions, Decimal Fraction, Square root of fractions, Simplification, Unitary method, Ratio and proportion, Time and Distance, Laws of Indices, Graph, Algebra-Application of formulae, Factorization, Parallel and transverse lines, Properties of Triangles, Congruency, Area and Perimeter of quadrilaterals, Symmetry, Reasoning and Aptitude.

CLASS-VIII : Number System, Simplification, Cube root, Rule of three, Percentage, Mixture, Time and Distance, Time and Works, Graph, Pie chart, Algebra-Factorization, H.C.F, L.C.M, Equation framing and solution, Triangles, Geometrical Proof, Reasoning and Aptitude.

CLASS-IX : Real Numbers, Laws of Indices, Graph, Co-ordinate Geometry: Distance Formula, Linear Simultaneous Equations, Properties of Parallelogram, Polynomial, Factorization, Transversal & Mid-point Theorem, Profit and Loss, Statistics, Theorems on Area, Construction, Area & Perimeter of Triangle & Quadrilateral, Circumference of Circle, Area of Circle, Co-ordinate Geometry Internal and External Division of Straight Line Segment, Co-ordinate Geometry, Set Theory, Probability Theory

CLASS-X : Set theory, A. P & G. P, Quadratic Equations with one variable, Simple Interest, Theorems related to circle, Rectangular parallelopiped or Cuboid, Ratio and Proportion, Compound Interest and Uniform Rate of Increase or Decrease, Theorems related to Angles in a Circle, Right Circular Cylinder, Quadratic Surd, Theorems related to Cyclic Quadrilateral, Construction: Construction of Circumcircle and In-circle of a Triangle, Sphere, Variation, Partner-ship Business, Theorems related to Tangent to a Circle, Right Circular Cone, Construction: construction of Tangent to a Circle, Similarity, Real life problems related to different Solid Objects, Trigonometry: Concept of Measurement of Angle, Construction: Determination of Mean Proportional, Pythagoras Theorem, Trigonometric Ratios and Trigonometric Identities, Trigonometric Ratios of Complementary Angle, Application of Trigonometric Ratios: Heights & Distances, Statistics: Mean, Median, Ogive, Mode.

CLASS-XI : Basic Trigonometry, Height & Distance, Associated angle, Compound angle, Transformation of sums & products, Multiple & submultiple angle, Variation, Progressions, Logarithm, Complex Numbers, Surds, Indices, Quadratic equation & expression, Co-ordinates-Locus, Straight line, Functions & Limit, Set Theory, Number Theory, Reasoning and Aptitude.

CLASS XII : Trigonometric general equation, Inverse Trigonometric functions, Properties of triangles, Matrix, Determinants, Induction, Binomial theorem, Permutation & Combination, Probability, Number theory, Set Relation Mapping, Inequalities, Circle, Conics, Continuity, Differentiability, Differentiation, Integration, Differential equation, Tangent normal, Differential-rate measure-error-approximation,, Increasing & Decreasing Function, Maxima & Minima, Rolle's theorem & Lagrange's theorem, Area under curve, 3-D Co-ordinates-Basic concept, Application of calculus in Dynamics, Reasoning and Aptitude.

OMR Answer Script

Fill in Block Letter

Name :

Class : Section : Roll :

School :

Exam Date :

JMMC Enrolment No. :

Mobile No. :

Correct Method : ☐ ☒ ☐ ☐ Wrong Method : ☒ ☐ ☐ ☐

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|---------------------|---------------------|
| 1. (A) (B) (C) (D) | 16. (A) (B) (C) (D) |
| 2. (A) (B) (C) (D) | 17. (A) (B) (C) (D) |
| 3. (A) (B) (C) (D) | 18. (A) (B) (C) (D) |
| 4. (A) (B) (C) (D) | 19. (A) (B) (C) (D) |
| 5. (A) (B) (C) (D) | 20. (A) (B) (C) (D) |
| 6. (A) (B) (C) (D) | 21. (A) (B) (C) (D) |
| 7. (A) (B) (C) (D) | 22. (A) (B) (C) (D) |
| 8. (A) (B) (C) (D) | 23. (A) (B) (C) (D) |
| 9. (A) (B) (C) (D) | 24. (A) (B) (C) (D) |
| 10. (A) (B) (C) (D) | 25. (A) (B) (C) (D) |
| 11. (A) (B) (C) (D) | 26. (A) (B) (C) (D) |
| 12. (A) (B) (C) (D) | 27. (A) (B) (C) (D) |
| 13. (A) (B) (C) (D) | 28. (A) (B) (C) (D) |
| 14. (A) (B) (C) (D) | 29. (A) (B) (C) (D) |
| 15. (A) (B) (C) (D) | 30. (A) (B) (C) (D) |

Books For Exam Preparation (Whatsapp Message Only - 85 85 02 75 50)

An expression of our good will.....

Every student will feel happy and proud to know that a part of the proceeds from the sale of this form will go to help some of their poor and meritorious friends ---- A TOKEN OF OUR SINCERE DESIRE IN THE SERVICE OF THE NATION.

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(Junior Master Mathematics Competition Research Foundation)

"A Clarion Call..., Mathematics For All..."

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