Gregorian Math Club

ESTD. 2018

4ᵗʰ GMC National Math Carnival
19-20 September, 2025

31 August, 2025

The Principal,

Motijheel Govt. Boys High School

Subject: **Invitation for Participation in the 4th GMC National Math Carnival-2025.**

Dear Sir,

The Gregorian Math Club, from St. Gregory's High School & College—one of Dhaka's most distinguished academic institutions—is proud to announce the **4th GMC National Math Carnival-2025**, a two-day event taking place from **September 19 to September 20, 2025**. This event aims to foster creative problem-solving skills and a passion for mathematics among students.

We warmly invite your esteemed institution and your talented students to take part in this grand carnival. Students **from classes 1 to 12** are welcome to compete in a wide array of segments designed to challenge and inspire young mathematicians. Your valuable support will be crucial for creating an enriching and inclusive environment for academic growth. A detailed list of events is attached for your convenience.

To enhance student engagement and outreach, we would also like to request you to nominate a **Campus Ambassador** who will act as a liaison between our organizing team and your students, helping to coordinate registrations and share updates.

We look forward to your positive response and collaboration to make this event a success.

With kind regards,

Gregorian Math Club

St. Gregory's High School & College

Bro. Placid Peter Rebeiro, CSC
Principal
St. Gregory's High School & College

Mr. Sajal Rozario
Moderator
Gregorian Math Club

Overview of the "4th GMC National Math Carnival-2025"

The Gregorian Math Club is proud to present a variety of thrilling and engaging events designed to ignite a passion for mathematics and inspire the next generation of problem solvers.

We eagerly anticipate welcoming you to this landmark event.

Event List :

Solo Segments :

i. Math Olympiad (P, J, I, S, HS)
ii. Sudoku (I, S, HS)
iii. Rubik's Cube Solving (J, I, S, HS)
iv. Human Calculator (P, J)
v. Math IQ (P, J, I, S, HS)
vi. Mathematical Presentation (J, I, S, HS)
vii. History Quiz (J, I, S, HS)
viii. 5-minutes Professor (P, J, I, S, HS)
ix. The Probability Blitz (S, HS)
x. Geo-Zone (I, S, HS)
xi. The Geometric Sketchpad (P, J)

Category:

1. **Primary(P)** : 1-2
2. **Junior(J)** : 3-5
3. **Intermediate(I)** : 6-8
4. **Secondary(S)** : 9-10
5. **Higher Secondary(HS)** : 11-12

Team Segments :

i. Math Project (5-7 || 8-10)
ii. Wall Magazine (5-8 | 9-12)
iii. Math Relay (I, S, HS)

Submission-Based Segments :

i. Article Writing (1-4 | 5-12)
ii. Math Memes (Open)

Signature Segments :

i. Mathventure (1-4 | 5-8 | 9-12)
ii. Math-A-Thon (6-8 | 9-12)

Gregorian Math Club
ST. GREGORY'S HIGH SCHOOL & COLLEGE
82, MUNICIPAL OFFICE STREET, LUXMIBAZAR, DHAKA-1100, BANGLADESH

PHONE: 47113687, 9574594, E-mail: hmsghs@gmail.com

Event Details

Solo Segments:

1. **Math Olympiad:** A one-hour competition with eight BDMO-standard questions. Top participants in each category will be awarded.

2. **Sudoku:** Participants will be given two puzzles to solve within 20 minutes, with the fastest correct submissions winning.

3. **Rubik's Cube Solving:** A two-round competition in the 3×3 format, with top participants advancing to the final round.

4. **Human Calculator:** A mental math competition for junior participants to solve short calculations without the use of a calculator.

5. **Math IQ:** A thirty-minute test with ten questions designed to assess participants' mathematical intelligence.

6. **Mathematical Presentation:** Participants present on a math-related topic for four minutes, with the top three presentations from each category being rewarded.

7. **History Quiz:** A quiz consisting of questions about the history of mathematics, famous mathematicians, and related stories.

8. **5-minutes Professor:** Participants are given a topic and must act as a professor, explaining it to the judge in five minutes.

9. **The Probability Blitz:** A 30-minute event with ten problems focused on interesting probability questions.

10. **Geo-Zone:** A forty-minute event with eight problems centered around geometry, to be solved without a calculator.

11. **The Geometric Sketchpad:** A thirty-minute event with ten problems that require participants to draw a specific geometric configuration.

Gregorian Math Club
ST. GREGORY'S HIGH SCHOOL & COLLEGE
82, MUNICIPAL OFFICE STREET, LUXMIBAZAR, DHAKA-1100, BANGLADESH

PHONE: 47113687, 9574594, E-mail: hmsghs@gmail.com

Team Segments:

1. **Math Project:** Teams of 3 demonstrate a math-related project.

2. **Wall Magazine:** Teams of 3 create a wall magazine on a math or science-related topic.

3. **Math Relay:** Teams of three solve three questions in a relay format, where the answer to the previous question is needed for the next.

Submission-Based Segments:

1. **Article Writing:** Participants write an article related to mathematics with a maximum word limit of 1200 words.

2. **Math Memes:** An open-category individual contest where participants create and submit original math memes to a Facebook group.

Signature Segments:

1. **Mathventure:** Teams of three solve a series of questions to find a treasure.

2. **Math-A-Thon:** A team-based event where participants create a team of three members. There will be a mixture of different math-related game events.

For Further Information, please contact us:

Contact Info:

1) **Mr. Sajal Rozario (Moderator):**

Phone: 01926201050

2) **Saad Bin Ahmed (President):**

Phone: 01866776518

Email: ahmedfarjana12047@gmail.com

3) **Md. Fazle Rabbi (General Secretary):**

Phone: 01308426974

4) **Sk. Md. Sadip (Vice President of Administration):**

Phone: 01756935521

Email: sheikhsadip@gmail.com