National Math Camp 2021

22 April - 10 May

Teacher's name

- Saad Bin Quddus (Saad)
- Zim-mim Siddiqee Sowdha (Sowdha)
- Muhaiminul Islam Ninad (Ninad)
- Raiyan Jamil (Raiyan)
- Nishat Anjum Bristy (Bristy)
- Mursalin Habib (Mursalin)
- Mirza Tanjim Shorif Mugdho (Mugdho)
- M Ahsan Al Mahir Lazim (Lazim)
- DS Hasan (DS)
- Atonu Roy Chowdhury (Atonu)
- Abdullah Al Rafi Mahmud (Rafi)
- Ahmed Ittihad (Ittihad)
- Tanmoy Sarkar (Tanmoy)

Class Recordings, Handouts and problem sets

Topic and Mentor	Handout	P Set
Triangle Center (Saad)	Not found	Triangle Center Pset
Basic Divisibility (Sowdha)	Basic Number Theory - Masum Billal	Same
Induction (Ninad)	First + Second	Same
Invariants (Raiyan)	Class Note	Invariants and Monovariants
Extremal and PHP (Bristy)	1, 2, 3	1,3
POP, Radical Axis, Cyclic Quad (Raiyan)	(Zhao) + POP	(Zhao)
Polynomial (Mursalin)	Not Found	Polynomial
Transformation (Mugdha) 1 + 2	(Boby Poon) + The Real Big Picture	(Poon)
Bijection(Lazim)	1 , 2	2
Prime Numbers (DS)	1 + 2 (Book)	P Set
Double Counting and PIE (Bristy) 1 + 2	1 , 2	P set
Big picture (Saad)	Zhao	Same
Harder Divisibility(Atonu)	1 , 2	2
Functional Equation (Raiyan)	Class , Chen	P set
Length Chase (Raiyan)	Things are ...	P set
Number Theory Functions (Lazim)	Class	Not Found
Diophatine Equation (Atonu) 1 + 2	An Intro ...(book), Class note	Note + P Set
Inequality (Sowdha)	Apply AM-GM ...	P set
Graph Theory (Rafi)	Adrin Tang	P set
Higher theorems Class (Raiyan)	Class, 1, 2, 3, 4 5 6	P Set
Combinatorial Algebra (Rafi)	Not Found	Not Found
Lifting The Exponent (Tanmoy)	LTE	Same
Algorithms (Lazim)	Class, Note	Not Found
Projective Geometry (Saad)	1, 2	Same
Solving Recurrence	Not found	Not found

Exams

- Combinatorics

- Number Theory and Algebra

- Geometry

Special

- Kobayashi's Theorem, Linearity of Expectation and the Probabilistic...

IMO preparation Problem Set (Lazim)

- Problem Set 1

- Problem Set 2

- Problem Set 3

- Problem Set 4

- Problem Set 5

- Problem Set 6