

# SST MATH CHALLENGE 2023

## Outlines / Syallbus

### Group-2 (Class 9 & 10)

#### Class :9

Matrices and determinants
Real and complex number
logarithm
Algebraic expression and algebraic formula
Factorization
Algebraic manipulation
Linear equation and inequalities
linear graph and their application
Ratio and proportion
Pythagoras theorem
Synthetic geometry
Analytical geometry

#### Class : 10

Quadratic equations
Theory of quadratic equations
Variations
Partial fraction
Set and function
Basic statics
Trigonometry
Synthetic geometry
Analytical geometry