ALL INDIA COUNCIL FOR TECHNICAL SKILL DEVELOPMENT

अखिल भारतीय तांत्रिक कौशल्य विकास परिषद

Aryabhatta National Maths Competition - 2024

Great Technology Scientist of Future INDIA – 2024 Search Program

Prize Money - Upto Rs.3 Lakhs

National Certificate - For Every Participant

National Trophy

National Medal

Please Note - All participants will receive a participation certificate, even if not selected in the final. These certificates are highly regarded in India and are awarded by AICTSD at the national level. The certificate holds substantial value and has the potential to significantly boost your academic and professional career.

Syllabus - Class 6

Money

- Conversion Of Rupees Into Paise
- Conversion Of Paise To Rupees
- Addition Of Money
- Subtraction Of Money
- Multiplication Of Money

Fractions

- Fraction On the Number Line
- Comparison of Fractions
- Equivalent Fractions
- Fraction of Collection of Objects
- Addition of The Fraction with The Same Denominator
- Addition of Fractions On the Number Line
- Subtraction of Fractions with The Same Denominator
- Subtraction on the Number Line

Percentages

- Expressing Fractions As Percentages
- Converting Percentages To Fractions
- Expressing Percentages As Decimals
- Expressing Decimals As Percentages
- Finding Percentage Of A Number
- Money And Metric Measures As Percentages
- Why Do We Use Percentages?

Perimeter And Area

- Introduction
- Squares And Rectangles
- Area Of A Parallelogram
- Area Of A Triangle
- Circles
- Conversion Of Units
- Applications

Problem on AGEs

- AGE Calculations
- Problems on conditional AGE calculations
- Present & Past AGE calculations

Algebra

- Introduction
- Matchstick Patterns
- The Idea Of A Variable
- More Matchstick Patterns

- More Examples Of Variables
- Use Of Variables In Common Rules
- Expressions With Variables Using Expressions Practically
- What Is An Equation?
- Solution Of An Equation