



ALL INDIA COUNCIL FOR TECHNICAL SKILL DEVELOPMENT

अखिल भारतीय तांत्रिक कौशल्य विकास परिषद

Syllabus

Albert Einstein International Scholarship Test -2023

Class - 6

- Algebraic Expression
 - Introduction
 - How Are Expressions Formed?
 - Terms Of An Expression
 - Like And Unlike Terms
 - Monomials, Binomials, Trinomials And Polynomials
 - Addition And Subtraction Of Algebraic Expressions
 - Finding The Value Of An Expression
 - Using Algebraic Expressions Formulas And Rules
 - Perimeter And Area
 - Introduction
 - Squares And Rectangles
 - Area Of A Parallelogram
 - Area Of A Triangle
 - Circles
 - Conversion Of Units
 - Applications
 - Algebra
 - Introduction
 - Matchstick Patterns
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- 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
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- **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?
-
- **Averages**
 - Averages
-
- **Ratio And Proportion**
 - Introduction
 - Ratio
 - Proportion
 - Unitary Method
-
- **Comparing Quantities**
 - Introduction
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- Equivalent Ratios
 - Percentage Another Way Of Comparing Quantities
 - Use Of Percentages
 - Prices Related To An Item Or Buying And Selling
 - Charge Given On Borrowed Money Or Simple Interest
-
- Profit And Loss
 - Profit And Loss
 - Finding Selling Price
 - Finding Cost Price
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