



**ALL INDIA COUNCIL FOR
TECHNICAL SKILL DEVELOPMENT**
अखिल भारतीय तांत्रिक कौशल्य विकास परिषद

Syllabus

All India Entrance Test For " Space Automation Program "

School Category

- **Time**

- Units Of Time
- Conversion Of Time - Hours And Minutes
- Conversion Of Time - Minutes And Seconds
- Conversion Of Time - Bigger Units
- Addition Of Time
- Subtraction Of Time
- The 24 - Hour Clock
- Time Intervals
- Calendar

- **Money, Profit And Loss**

- Money
- Conversion Of Rupees And Paise
- Addition And Subtraction Of Money
- Multiplication And Division Of Money
- Profit And Loss
- Finding Selling Price
- Finding Cost Price

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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?

● Simple Interest

- Rate Of Interest

● Area And Volume

- Area
- Finding Area When Whole Squares Are Not Covered
- Area Of Irregular Shapes
- Area Of A Rectangle Or Square
- Finding Length Or Breadth
- Perimeter
- Volume
- Volume Of A Cube
- Volume Of A Cuboid

● Ratio And Proportion

- Introduction
- Ratio
- Proportion

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- Unitary Method

- **Perimeter And Area**

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

- **HCF & LCM**

- HCF
- LCM
- Prime Factorization
- HCF By Prime Factorizations
- LCM By Prime Factorizations
- LCM By Division Method

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