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

Aryabhatta National Maths Competition - 2023

Syllabus - Professional

Ratio And Proportion

- Introduction
- Ratio
- Proportion
- Unitary Method

Time & Work

- Problem on time & work calculation
- Finding Number Of Days From One Date To Another
- Railway And Air Timings
- Time Intervals

Profit And Loss

- Finding Selling Price

- Finding Cost Price
- Profit And Loss

Problem on Trains

- Train Speed Calculations
- Train & Platform Measurements
- Train Arrival & Departure calculations

Problem on Speed & Distance

- Calculate Speed & Velocity
- Calculate Speed & Distance Proportion

Problem on Simple Interest

- Calculate Interest
- Calculate Profit / Loss
- Interest Appreciation / Depreciation

Problem on True Discount

- Buying & Selling Prices Calculations
- Discounts in transaction calculations
- Profit ratio calculations