



ALL INDIA COUNCIL FOR TECHNICAL SKILL DEVELOPMENT

अखिल भारतीय तांत्रिक कौशल्य विकास परिषद

Syllabus

Albert Einstein International Scholarship Test -2023

Class - 11

- **Ratio And Proportion**
 - Introduction
 - Ratio
 - Proportion
 - Unitary Method

- **Comparing Quantities**
 - Introduction
 - 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

- **Problem on Simple Interest**
 - Calculate Interest
 - Calculate Profit / Loss
 - Interest Appreciation / Depreciation

- **Problem on Speed & Distance**
 - Calculate Speed & Velocity
 - Calculate Speed & Distance Proportion



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- **Problem on AGEs**

- AGE Calculations
 - Problems on conditional AGE calculations
 - Present & Past AGE calculations
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- **Problem on Trains**

- Train Speed Calculations
 - Train & Platform Measurements
 - Train Arrival & Departure calculations
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- **Problem on True Discount**

- Buying & Selling Prices Calculations
 - Discounts in transaction calculations
 - Profit ratio calculations
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- **Problem Profit And Loss**

- Finding Selling Price
 - Finding Cost Price
 - Profit And Loss
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