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

Syllabus - Class 8

Rational Numbers

- **Introduction**
- **Need For Rational Numbers**
- **What Are Rational Numbers?**
- **Positive And Negative Rational Numbers**
- **Rational Numbers On A Number Line**
- **Rational Numbers In Standard Form**

Algebra & Simple Equation

- **Introduction**
- **Matchstick Patterns**
- **The Idea Of A Variable**
- **More Matchstick Patterns**
- **More Examples Of Variables**
- **Use Of Variables In Common Rules**

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**

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**

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Through this competition, we are searching for the " **Great Technology Scientist of Future INDIA – 2024** " from the student community.

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