

Embedded Technosolutions

Venture of IIT Bombay & VJTI Alumni

Syllabus

All India Entrance Test for

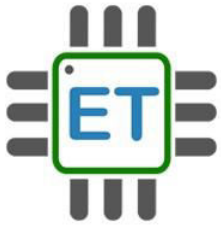
" School Automation Engineer "

- **HCF & LCM**

- Hcf
 - Lcm
 - Prime Factorisation
 - Hcf By Prime Factorisation
 - Lcm By Prime Factorisation
 - Lcm By Division Method
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- **Perimeter And Area**

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

• Ratio And Proportion

- Introduction
- Ratio
- Proportion
- Unitary Method

• 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
 - Comparison Of Rational Numbers
 - Rational Numbers Between Two Rational Numbers
 - Operations On Rational Numbers
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