

**Rajarshi Shahu Mahavidyalaya (Autonomous), Latur**  
**B.A. (Competitive Examinations Programme – CEP)**  
**Syllabus**

**Subject : Mathematics**

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- 1) Numbers
- 2) H.C.F. & L.C.M. of Numbers
- 3) Decimal Fractions
- 4) Simplification
- 5) Square Roots & Cube Roots
- 6) Average
- 7) Problems on Numbers
- 8) Problems on Ages
- 9) Surds & Indices
- 10) Percentage
- 11) Profit & Loss
- 12) Ratio & Proportion
- 13) Partnership
- 14) Chain Rule
- 15) Time & work
- 16) Pipes & Cistern
- 17) Time & Distance
- 18) Problems on Trains
- 19) Boats & Streams
- 20) Alligation or Mixture
- 21) Simple Interest
- 22) Compound Interest
- 23) Logarithms
- 24) Area
- 25) Volume & Surface Areas
- 26) Races & Games of Skill
- 27) Calendar
- 28) Clocks
- 29) Stocks & Shares
- 30) Permutations & Combinations
- 31) Probability
- 32) True Discount
- 33) Banker's Discount
- 34) Heights & Distances
- 35) Odd Man Out & Series

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