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## Admission Tests: Books for Mathematics

### Paper-I

1. Linear Algebra - K C Prasad, K B Datta
2. Calculus - Santhi Narayan
3. Analytic Geometry - Shantinarayan, HC Sinha, DK Jha and Sharma
4. Ordinary Differential eqs: MD Raising Lumina, Golden seris-NP Bali
5. Dynamics, Statics and Hydrostatics - M.Ray
6. Vector analysis - Shantinarayan

### Paper-II

1. Algebra - K C Prasad, KB Datta
2. Real Analysis - Shantinarayan, Royden
3. Complex Analysis - GK Ranganath
4. Linear Programming - SD sharma
5. Partial Diff.eq. - Singhanian
6. Numerical analysis and Computer Progg. - V. Rajaraman, SS Shasri
7. Mechanics & Fluid dynamics - AP Mathur, Azaroff leonid [Buy from Amazon.in](#)

### Other Important Books

1. Modern Algebra - A. R. Vashisth
2. Algebra - J N Sharma and S. N. Goyal
3. Linear Algebra - Schaum Series (Lipshutz) or Sharma and Vashisth - [Buy from Amazon.in](#)
4. Matrices - Schaum Series (Frank Ayres) or Vashisth - [Buy from Amazon.in](#)
5. Calculus - I. A. Menon
6. Coordinate Geometry - R. L. Soni
7. Solid Mechanism - Kazmoo
8. Mathematics Dictionary - James - [Buy from Amazon.in](#)

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9. Differential Equations - Schaum Series (Frank Ayres) or N.M. Kapur or Raisinghania - [Buy from Amazon.in](#)
10. Numerical Analysis - S S Sastry - [Buy from Amazon.in](#)
11. Complex Analysis - Schaum Series or J N Sharma - [Buy from Amazon.in](#)
12. Operations Research - Kanti Swaroop or Manmohan
13. Differential Calculus - Gorakh Prasad
14. Analytical Solid Geometry - Shanti Narayanan
15. Text Book of Coordinate Geometry - Rai Ballabh
16. Mechanism - D. S. Mathur
17. Statistical Mechanism - Carson Horg