

### **MAT Quantitative Ability syllabus:**

- Geometry
- (Lines, angles, Triangles, Spheres, Rectangles, Cube, Cone etc.)
- Ratios and Proportion,
- Percentages
- In-equations Quadratic and linear equations
- Algebra
- Profit & Loss
- Averages
- Partnership (Accounts)
- Time-Speed-Distance
- Work and time
- Number system
- HCF & LCM
- Geometric Progression
- Arithmetic progression
- Arithmetic mean
- Geometric mean
- Harmonic mean
- Median
- Mode
- Number Base System
- BODMAS
- Menstruation
- Allegation & Mixtures
- Work
- Pipes and Cisterns
- Simple Interest & Compound Interest
- Set Theory
- Venn diagram
- Installment Payments
- Clocks
- Probability
- Permutations Combinations
- Trigonometry

- Vectors
- Binomial Expansion
- Co-ordinate geometry
- Logarithm
- Calendar
- Maxima & Minima Progression,
- Surds & Indices
- Complex numbers