The syllabus involved in this are

Geometry, Ratios and Proportion, Algebra, P&L, Percentages etc.

It also include Partnership, Work and time, speed and distance HCF, LCM and many more.

Some of the reference books which can be referred for the CAT exam are mentioned below.

1. Quantitative ability by O.P Sinhal
2. Data Interpretation and Logical Reasoning by Arun Sharma
3. Verbal Ability by Wren and Marten
4. CAT Solved Papers and Mock Test Papers by Pratiyogita Darpan
5. CAT Solved Paper by Upkar’s
6. Logical reasoning and DI section by S Chand or by Pearson Education
7. Study Plan for the CAT entrance exam