CERTIFICATE COURSE ON QUANTITATIVE APTTUDE FOR CRACKING COMPETITIVE EXAMS

Course Objectives

This course is designed to:

1. Develop students' numerical and analytical reasoning skills for competitive examinations and career assessments.
2. Build a strong conceptual understanding of arithmetic, algebra, geometry, mensuration, data interpretation, and probability.
3. Improve speed, accuracy, and problem-solving ability using logical methods and shortcut techniques.
4. Enhance students' ability to interpret and analyze numerical data in real-world and exam contexts.
5. Prepare students to confidently attempt quantitative aptitude sections in banking, government, and management entrance exams.

Course Outcomes

By the end of the course, students will be able to:

1. Understand key quantitative concepts such as ratios, percentages, averages, time, and work.
2. Apply mathematical formulas and methods to solve numerical and algebraic problems accurately.
3. Use logical reasoning to solve questions on permutations, combinations, and probability.
4. Improve calculation speed and accuracy using simple techniques and shortcuts.
5. Demonstrate confidence in solving quantitative aptitude problems in competitive examinations.

Course Contents

Sr. No	Topic	Hours
1	Number System Basics	3
2	Simplification & Application	3
3	Percentage, Ratio & Proportion	3
4	Averages & Mixtures	3
5	Partnership & Alligation	3
6	Profit & Loss, Discount	3
7	Simple & Compound Interest	3
8	Time, Speed and Distance	3
9	Time & Work	3
10	Pipes & Cisterns	3
	Total	30

Course Evaluation

The learners will be evaluated on the following criteria:

- It is essential for the learner to score 40 percent to pass the course successfully.
- The evaluation will be as under:

Component	Weightage
In-Class Participation	20%
Monthly Aptitude Test	40%
Final Aptitude Test	40%

Certificate will be provided to students who will successfully complete the Course.