

# PATUCK–GALA COLLEGE OF COMMERCE & MANAGEMENT

Patuck Campus, Rustomba Patuck Marg, 100 Nehru Road, Vakola Bridge, Santacruz (E), Mumbai: 400 055

(Affiliated to University of Mumbai)

Re-accredited with B++ grade by NAAC (2.77 CGPA)

## Add On Certificate Course

On

## QUANTITATIVE APTITUDE

### Course Objectives:

1. To critically evaluate various real-life situations by resorting to analysis of key issues and factors.
2. To demonstrate various principles involved in solving mathematical problems and thereby reducing the time taken for performing job functions.

### Course Outcomes:

1. Calculate much faster than before.
2. Perform the calculations without the use of calculator
3. Score very good marks in quantitative sections of competitive exams
4. Start enjoying mathematics!
5. Formulate the problem quantitatively and use appropriate arithmetical, and/or statistical methods to solve the problem.
6. Critically evaluate various real-life situations by resorting to analysis of key issues and factors.

### Course Contents:

Sr. No.	Topics	Hours
1	Number System, Average	2
2	Simplification, Speedy Math	3
3	Number Series	2
4	Ratio, Proportion, Percentage, Partnership	4
5	Discount, Profit & Loss	2
6	Simple Interest & Compound Interest	2
7	Data Interpretation	4
8	Problems of Ages	2
9	Speed, Time & Distance	2

10	Time & Work, Pipe & System	3
11	Permutations and Combinations	2
12	Probability	2
	<b>Total</b>	<b>30</b>

**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 marks allocation shall be done as under:
  - 50 percent - Attendance
  - 20 percent - Continuous Evaluation at the end every session / topic
  - 30 percent – Timed Final Exam based on all topics