

DEPARTMENT OF MATHEMATICS
CERTIFICATE COURSE 2019-20
LFCCMAT01: QUANTITATIVE APTITUDE WITH VEDIC MATHEMATICS

Duration: 30 hours

Summary of the course:

Quantitative aptitude with Vedic Mathematics is a proprietary program specially designed to students to provide with 360 degree bank exam and training experience. It offers a blend of effective and interactive learning platforms track the bank probationary officers and clerical examinations conducted by IBPS and SBI we offer industry insights backed by a team of Advisory Council experts who has served as leaders in the banking industry

Objectives of the Course:

- Specially designed to provide students with a 360 degree competitive examinations training experience.
- It offers a blend of effective and interactive learning platform to crack these examinations with the help of Vedic Mathematics.
- To help students to solve the calculations in all examinations by means of high speed mental calculations.
- To improve the analytical and problem solving skills.
- To give awareness about the banking and financial policies while preparing for Bank Probationary Officer examinations.
- To strengthen the ability to draw logical conclusions

SYLLABUS

Module 1: Mathemagicz, Art of High Speed Calculation.

Fast calculation skills have a vital role to play in competitive exams as without is kills solving aptitude section usually become quite difficult. High speed Mental Maths help students to acquire an amazing speed to solve the calculations in all competitive exams.

- Shortcuts to do calculations
- Vedic Mathematics
- Art of Algebra

Module II: Quantitative Aptitude- Aptitude is what characterizes the analytical and application ability of an individual, because it is very much essential for human to think in complex situations. It basically judges our analytical and problem solving skills.

Includes topics like;

Number systems, Percentage, Profit and Loss, Interest, Work and Time, Ratio Partnership, Speed and Time, Data interpretation, Data sufficiency etc.

Module III: Logical Reasoning/ Mental Ability- The goal of reasoning is to strengthen student's ability to draw logical conclusions. This ability is extremely important in our everyday life which is why it is an inherent part of standard IQ tests/ competitive exams.

Includes topics like;

Direction sense, Blood relation Analogy Coding and Decoding, Puzzles, Syllogism Sequential seating arrangements etc

Module IV: Banking/ General Awareness- Awareness play a vital role while preparing for bank PO exams such as IBPS Clerk, IBPS PO, SBI clerk, SBI PO, and many more exams. This module includes;

- Current Affairs
- Important Banking Terms and Rules
- Indian Banking and Financial Policies

References

1. A Modern Approach to Verbal and Non Verbal Reasoning, R S Aggarwal, S. Chand Publication.
2. Quantitative Aptitude, R S Aggarwal, S. Chand Publication.