

Amrut Sevabhavi Sanstha, Parbhani's



**LATE KU DURGA K. BANMERU SCIENCE COLLEGE,
LONAR, DIST. BULDANA. 443302.**

(Affiliated to Sant Gadge Baba Amravati University, Amravati; UGC 2 (f) & 12 B;
NAAC Accredited with 'C' grade)

Department of Mathematics



Certificate Course on

**QUANTITATIVE APTITUDE FOR
COMPETITIVE EXAMINATION**

**Quantitative
Aptitude
Course**



By

Department of Mathematics

Late Ku. Durga K. Banmeru Science College, Lonar

Dist. Buldana.

SESSION: - 2022-23



Amrut Sevabhavi Sanstha, Parbhani's
LATE KU DURGA K. BANMERU SCIENCE COLLEGE,
LONAR, DIST. BULDANA. 443302.

(Affiliated to Sant Gadge Baba Amravati University, Amravati; UGC 2 (f) & 12 B;
NAAC Accredited with 'C' grade)

Department of Mathematics

Introduction

Quantitative Aptitude is the most important requisite for clearing any competitive exam. Quantitative aptitude test are becoming the norm for competitive exams in India. The aptitude questions essentially measures candidate mental numerical ability, logical formulae application & accuracy of calculation. It also test your mental alertness.

Department of Mathematics of our Late Ku. Durga K. Banmeru Science college, Lonar is organizing this certificate course from last three years in order to enhance students problem solving ability and help those to student who are preparing for any type of competitive examination.

Course Objectives

- To enhance problem solving skill among student.
- To improve the mathematical skill
- To help students who are preparing for any type competitive examination.
- Thinking critically & applying basic mathematics skill to interpret data.
- To prepare student for campus placement aptitude papers



Amrut Sevabhavi Sanstha, Parbhani's
LATE KU DURGA K. BANMERU SCIENCE COLLEGE,
LONAR, DIST. BULDANA. 443302.

(Affiliated to Sant Gadage Baba Amravati University, Amravati; UGC 2 (f) & 12 B;
NAAC Accredited with 'C' grade)

Department of Mathematics

Course Outcome

On successful completion of the course, the students will able to :

- Understand the basic concepts of quantitative ability.
- Solve campus placement aptitude papers covering quantitative aptitude.
- Compete in various competitive exams like MPSC , NET/SET, CAT, GATE (aptitude part)

Eligibility

- Student of B.sc Ist , IInd & IIIrd

Admission Procedure

- Interested candidates have to make application to the Mathematics Department. A minimum of 20 candidates will be admitted for the course. First come first serve based admission will be there.

Fee Structure

- Fees Rs. 500/- (If the course is granted by university then student should pay an additional Rs. 250/- as a university fee)

Attendance

- Minimum 75% Attendance is necessary in theory classes to appear for final examination.

Certification

- The Candidate successfully completing the Course shall be awarded a Certificate in appropriate form.

Amrut Sevabhavi Sanstha, Parbhani's
LATE KU DURGA K. BANMERU SCIENCE COLLEGE,
LONAR, DIST. BULDANA. 443302.

(Affiliated to Sant Gadge Baba Amravati University, Amravati; UGC 2 (f) & 12 B;
NAAC Accredited with 'C' grade)

Department of Mathematics

Syllabus

Unit I: Basic of Quantitative Abilities

- Problems on Number System
- Problems on HCF & LCM
- Decimal & Fraction
- Simplification.

Unit II: Arithmetic Quantitative Abilities

- Averages
- Profit & Loss
- Ratio & Proportion
- Percentage

Unit III: General Aptitude Problems

- Number & Ages
- Problem on Trains
- Discount
- Partnership
- Mixture & Allegation

Unit IV:, Problems Related to Time

- Time & Work
- Time & Distance
- Calendar
- Clock

Unit V: Modern Maths

- Permutation & Combination
- Probability

Amrut Sevabhavi Sanstha, Parbhani's
LATE KU DURGA K. BANMERU SCIENCE COLLEGE,
LONAR, DIST. BULDANA. 443302.

(Affiliated to Sant Gadge Baba Amravati University, Amravati; UGC 2 (f) & 12 B;
NAAC Accredited with 'C' grade)

Department of Mathematics

Teaching & Examination Scheme

Course	Duration	Exam	Grade System
		Theory (100 Marks / 2 Credits)	
Certificate Course in "Quantitative Aptitude for Competitive Examination"	30 Hours	50 Multiple Choice Question (each for 2 Marks)	Marks 100-81: O Grade 80-71: A Grade 70-61: B Grade 60-51: C Grade 50-00: Fail

Recommended Books/References

- 1) R. S. Aggarwal. Quantitative Aptitude for competitive examination.
- 2) Arun Sharma - Quantitative Aptitude for CAT.
- 3) Arihant Publications - Fast track objective Arithmetic.
- 4) Abhijit Guha/Mcgraw Hill education- Quantitative Aptitude for all competitive examination.



Amrut Sevabhavi Sanstha, Parbhani's
LATE KU DURGA K. BANMERU SCIENCE COLLEGE,
LONAR, DIST. BULDANA. 443302.

(Affiliated to Sant Gadge Baba Amravati University, Amravati; UGC 2 (f) & 12 B;
NAAC Accredited with 'C' grade)

Department of Mathematics

➤ **Course Coordinator- Prof. Saurabh P. Gaikwad**

Asst. Prof. & HOD- Mathematics,
Late Ku. Durga K. Banmeru Science College,
Loni road, Lonar , Dist Buldana
9763055670

