MAHATMA GANDHI COLLEGE, IRITTY

(Accredited by NAAC with A Grade)
Keezhurkunnu, Keezhur PO, Kannur Dt., Kerala – 670 703

Post Graduate Department of Mathematics

CERTIFICATE COURSE IN QUANTITATIVE APTITUDE FOR COMPETITIVE EXAMINATIONS

No. of contact hours : 30

Aim of the Course

- To update and expand the basic Mathematical skills and attitudes and equip the students to effectively utilize this knowledge for various competitive examinations.
- To familiarize the language, symbols and notation of Mathematics.
- To develop Mathematical curiosity while solving problems.
- To become confident enough in solving Mathematical problems.
- To develop logical and critical thinking.

Objectives of the course

A. To introduce the basics concepts of Quantitative arithmetic

B. To enhance the problem-solving skills.

C. To improve the basic mathematics skills.

D. To help students who are preparing for any type of competitive examinations.

Course Contents.

Module I

- Profit and Loss
- Problems on Ages
- Chain Rule
- Time and Work
- Time and Distance
- Problems on Trains

Module II

- Boats and Streams
- Calendar
- Clocks
- Heights and Distances
- Simple Interest
- Compound Interest

References

1. R.S. Aggarwal, Quantitative Aptitude for Competitive Examinations, S. Chand Company Ltd, 7th Edition.
2. Abhijit Guha, Quantitative Aptitude for Competitive Examination, Mc Graw Hill Education.
3. Shyam Saraf and Abhilasha Swarup, Quantitative Aptitude and Reasoning, Cengage Learning India Pvt.Ltd.

Mahatma Gandhi College, Iritty

16.12.2022 Course Coordinator