



KONGU ARTS AND SCIENCE COLLEGE

(An Autonomous Institution, Affiliated to Bharathiar University, Coimbatore)

ERODE – 638 107

DEPARTMENT OF MATHEMATICS

VALUE ADDED COURSE – SYLLABUS

21VMAMC – MATHEMATICS FOR COMPETITIVE EXAMINATIONS

Course Objective: To introduce the students the concepts of Mathematics which emphasis on analytical ability needed in Competitive Examinations

.UNIT I	Average	8 Hours
Simplification – Average - Problems on Numbers.		
UNIT II	Percentage	8 Hours
Problems on ages – Percentage.		
UNIT III	Ratio	7 Hours
Profit and Loss - Ratio and Proportion.		
UNIT IV	Time and Distance	9Hours
Time and Work- Time and Distance - Problems on Trains.		
UNIT V	Simple & Compound Interest	8 Hours
Simple Interest – Compound Interest.		
		Total Hours 40 Hours

Text Book : Dr.R.S.Aggarwal ,“Quantitative Aptitude”, S. Chand & Company Pvt. Ltd, New Delhi, Revised Edition 2017.

Unit I : Sections 4, 6 and 7 ;

Unit II : Sections 8 and 11

Unit III : Sections 12 and 13;

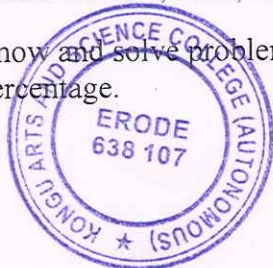
Unit IV : Sections 17, 18 and 20

Unit V : Sections 22 and 23

OUTCOMES:

Students will able to

- ❖ Understand the concepts of Problems on Number and Ages
- ❖ Find the Profit, Loss, Ratio and Proportion
- ❖ Know and solve problems on the Simple Interest, Compound Interest and Percentage.



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