

Course: VSC
Basics of Quantitative Aptitude

Semester: II	Credits: 2	Subject Code: CVSCQA22301	Lectures: 30
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Course Outcomes:

At the end of this course, the learner will be able to:

- CO1- Relate the basic concepts of quantitative aptitude to given problem.
- CO2- Create critical thinking and problem solving skills using logical reasoning
- CO3- Demonstrate problem solving skills by use of reasoning
- CO4- Solve problems related to general aptitude covering Quantitative Ability and Logical Reasoning and create computational skills essential to compete in various competitive exams like CAT, CMAT, GATE, GRE, GATE, UPSC, GPSC etc.

Unit 1: Quantitative Ability	15
<ul style="list-style-type: none"> • Permutation & Combination and Probability • Profit and Loss • Simple and Compound Interest • Time, Speed and Distance • Time & Work • Ratio and Proportion • Area 	


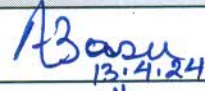
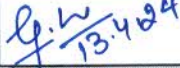
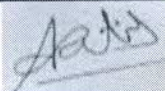


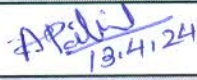

Unit 2: Basic Statistics	15
<ul style="list-style-type: none"> • Data Interpretation and Tables • Column Graph • Bar Graphs • Line Charts • Pie Chart • Venn Diagrams 	



Board of Studies	Department	Name	Signature
Chairperson (HoD)	Mathematics and Statistics	Dr. Deepa Krishnamurthy	<i>Deepa</i> 13/4/24

Reference Books:

- R. S. Agarwal: Modern Approach to Logical Reasoning, New Delhi, S Chand & Co, 2018
- R. S. Agarwal: Quantitative aptitude for Competitive examination, New Delhi, S Chand & Co, 2017
- Sijwali B.S.: Analytical and Logical reasoning for CAT and other management entrance test, Arihant publications, 2004
- Abhijit Guha: Quantitative Aptitude by Competitive Examinations, New Delhi, Tata McGraw Hill Edu Pvt Ltd, 2008, 4th edition

Board of Studies	Name	Signature	
Chairperson (HoD)	Dr. Deepa Krishnamurthi		
Faculty	Prof. Amrita Basu		
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Industry Expert	Ms. Amruta Patil		
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