

Vishnu Waman Thakur Charitable Trust's
Bhaskar Waman Thakur College of Science,
Yashvant Keshav Patil College of Commerce,
Vidhya Dayanand Patil College of Arts,
(VIVA College)



**Basics For
Competitive
Examinations
(CC-BFCE)**



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Department of Economics

in association with

IQAC

organize

ADD-ON COURSE

ON

BASICS FOR COMPETITIVE EXAMINATION

from 6th August 2022 to 26th August 2022

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Principal



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Department of Economics
Add on Course Syllabus
Basics of Competitive Exams

Learning Objectives: This course is designed to suit the needs of the outgoing students and to acquaint them with frequently asked patterns in quantitative aptitude and logical reasoning during various examinations and campus interviews.

Course Outcome: On successful completion of the course the students will be able to: Understand the basic concepts of quantitative ability Understand the basic concepts of logical reasoning Skills Acquire satisfactory competency in use of reasoning Solve campus placements aptitude papers covering Quantitative Ability, Logical Reasoning Ability Compete in various competitive exams like CAT, CMAT, GATE, GRE, GATE, UPSC, GPSC etc.

UNIT - I

1. Quantitative Ability (Basic Mathematics)

Number Systems

LCM and HCF

Decimal Fractions

Simplification

Square Roots and Cube Roots

Average

Problems on Ages

Surds & Indices

Percentages

1.10 Problems on Numbers

UNIT – II

2. Quantitative Ability (Applied & Engineering Mathematics)

Logarithm

Permutation and Combinations

Probability

Profit and Loss

Simple and Compound Interest

Time, Speed and Distance



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Time & Work
Ratio and Proportion
Area 2.10 Mixtures and Allegation

UNIT – III 3. Data Interpretation

Data Interpretation
Tables
Column Graphs
Bar Graphs
Line Charts
Pie Chart
Venn Diagrams

UNIT – IV

4. Logical Reasoning (Deductive Reasoning)

Analogy
Blood Relation

4.3 Directional Sense

Number and Letter Series
Coding – Decoding
Calendars
Clocks
Venn Diagrams
Seating Arrangement
Syllogism

Reference books:

1. A Modern Approach to Verbal & Non Verbal Reasoning by R S Agarwal
2. Analytical and Logical Reasoning by Sijwali B S
3. Quantitative aptitude for Competitive Examination by R S Agarwal
4. Analytical and Logical reasoning for CAT and other management entrance test by Sijwali B S
5. Quantitative Aptitude by Competitive Examinations by Abhijit Guha 4th edition