

Learning Outcomes:

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

- Acquire satisfactory competency in use of two basic skills (Quantitative Ability and Logical Reasoning)
- Solve campus placements aptitude papers covering Quantitative Ability and Logical Reasoning

| Topics | Lecture Hours |
|--|----------------------|
| 1] Arithmetic Aptitude: | |
| • Problems on Trains, Time and Distance, Height and Distance, Time and Work, Simple Interest, Compound Interest, Profit and Loss, Partnership, Percentage, Problems on Ages, Calendar, Clock, Average, Area, Volume and Surface Area, Permutation and Combination, Numbers, Problems on Numbers, Problems on H.C.F and L.C.M, Decimal Fraction | 06 |
| 2] Data Interpretation: | |
| • Table Charts, Bar Charts | 02 |
| 3] Logical Reasoning | |
| • Number Series, Letter and Symbol Series, Verbal Classification, Analogies, Artificial Language, Matching Definitions, Making Judgments, Verbal Reasoning, Logical Problems, Logical Games | 03 |
| 4] Verbal Reasoning: | |
| • Logical Sequence of Words, Blood Relation Test, Syllogism, Series Completion, Cause and Effect, Dice, Venn Diagrams, Cube and Cuboid, Analogy | 03 |

Reference Books:

1. Quantitative Aptitude: By R. S. Aggarwal. S. Chand Publishers
2. A Modern Approach to Logical Reasoning: By R. S. Aggarwal. S. Chand Publishers
3. A Modern Approach To Verbal And Non-Verbal Reasoning: By R. S. Aggarwal. S. Chand Publishers
4. An Advanced Approach To Data Interpretation: By Dr. R. S. Aggarwal. S. Chand Publishers