



National Institute of Technical Teachers Training and Research, Chennai

PG Diploma in Entrepreneurship Development Entrance Examination

Syllabus

1. Quantitative Aptitude (20)

- **Number Systems:** Properties of numbers, Divisibility rules, Remainders, LCM and HCF
- **Arithmetic:** Percentages, Profit and Loss, Simple and Compound Interest, Ratio and Proportion, Averages, Mixtures and Allegations
- **Algebra:** Linear and Quadratic Equations, Inequalities, Functions, Arithmetic and Geometric Progressions
- **Geometry and Mensuration:** Lines, Angles, Triangles, Circles, Polygons, Coordinate Geometry, Volume and Surface Area
- **Modern Math:** Permutations and Combinations, Probability, Set Theory

2. Data Interpretation and Logical Reasoning (DILR) (15)

- **Data Interpretation:** Interpretation of data from tables, graphs (line, bar, pie), charts, and caselets
- **Logical Reasoning:** Arrangements (linear and circular), Blood Relations, Coding-Decoding, Series, Puzzles, Venn Diagrams, Logical Connectives, Syllogisms, Statements and Assumptions, Clocks and Calendars

3. Verbal Ability and Reading Comprehension (VARC) (15)

- **Reading Comprehension:** Passage-based questions, Inference, Main Idea, Author's Perspective
- **Verbal Ability:** Sentence Correction, Grammar, Vocabulary, Synonyms and Antonyms, Para Jumbles, Para Completion, Critical Reasoning, Fact Inference Judgment