

**TELANGANA TRIBAL WELFARE RESIDENTIAL DEGREE COLLEGE FOR WOMEN
(TTWRDCW) SURYAPET**

**CERTIFICATE COURSE IN GENERAL MENTAL ABILITY
Academic year 2019-2020**

Total Teaching Hours: 45 hours

Course Objectives

- To enhance problem solving skill among students
- To improve the mathematical skill
- To help who are preparing for any type competitive examination
- To increase the chance of employability.

Course Outcomes

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.

Syllabus

UNIT- I

- 1.1 Series Completion
- 1.2 Analogy
- 1.3 Classification
- 1.4 Coding and Decoding
- 1.5 Blood Relations.
- 1.6 Puzzle Test.

UNIT- II


- 2.1 Sequential Output Tracing
- 2.2 Direction Sense Test
- 2.3 Logical Venn Diagrams
- 2.4 Alphabet Test
- 2.5 Alpha Numeric Sequence Puzzle
- 2.6 Number Ranking and Time Sequence Test

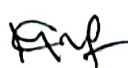
UNIT- III

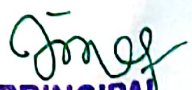
- 3.1. Mathematical Operations
- 3.2 Logical Sequence of words
- 3.3. Arithmetical Reasoning
- 3.4. Assertion and Reason
- 3.5 Inserting the Missing Characters
- 3.6 Verification of Truth of the Statement.

Reference books:

1. A Modern Approach to Verbal & Non-Verbal Reasoning by R S Agarwal.
2. Quantitative aptitude for Competitive examination by R S Agarwal.


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