

Vidhyashram Institute of Teacher's Training, Jodhpur

Vocational Certificate Course

on

Mental Ability & Critical Thinking

Syllabus

Contact Hours: - 6 hrs/ week

Total Duration: 45 days

- Module 1. **Logical Reasoning:** - Analogies - Number series - Letter series - Coding-decoding - Blood relations - Direction sense - Clocks and calendars - Logical games - Logical deductions - Logical problems.
- Module 2. **Verbal Reasoning:** - Syllogisms - Statement and assumptions - Statement and arguments - Statement and conclusions - Statement and course of action - Critical reasoning - Cause and effect - Assertion and reasoning.
- Module 3. **Non-Verbal Reasoning:** - Series completion - Classification - Analogy - Pattern detection - Figure matrix - Paper folding - Paper cutting - Cubes and dice - Mirror images - Water images.
- Module 4. **Data Interpretation:** - Bar graphs - Line graphs - Pie charts - Tables - Data sufficiency - Data analysis.
- Module 5. **Mathematical Ability:** - Number system - Fractions and decimals - Percentages - Ratio and proportion - Average - Time and work - Time and distance - Simple and compound interest - Profit and loss - Probability.
- Module 6. **Analytical Ability:** - Critical thinking - Problem-solving - Decision-making - Data sufficiency - Data analysis - Interpretation of graphs and charts - Analyzing patterns and relationships.

Read more at:

<https://edurev.in/question/3745708/What-are-the-topics-covered-in-the-general-mental-ability-section-of-the-BPSC-exam-syllabus->

Sample Solved Preparatory Questions Link:

<https://edurev.in/t/119095/Alphanumeric-Series--Introduction-and-Examples--wi>