



ADMISSION TEST STRUCTURE

Type: Multiple Choice (Online)

Structure & Duration:

PART I : General Aptitude Test - 60 Minutes (APSSDC)

o Verbal Aptitude - 34%

- Verbal Ability
- Vocabulary
- Grammar
- Sentence Correction
- Confusing words
- Fill in the blanks
- Reading Comprehension
- Key Challenges
- How to improve
- What to read ¹
- Different categories of passages
- Writing Styles
- Tone of writing
- Types of questions
- Verbal Reasoning/Critical Reasoning

- Syllogism
- Logical Deductions
- Statement & Assumptions
- Strong & Weak arguments
- Courses of action ²
- Para jumbles
- Para completion
- Fact interference judgement

o Quantitative Aptitude - 34%

Modern Math

- Set Theory
- Binomial Theorem
- Permutation & Combination
- Probability
- Progressions
- Geometry
- Lines & Angles
- Traingles
- Polygons
- Circles
- Solids (Mensuration)
- Co-ordinate Geometry

- Trigonometry

Number System

- Basics of Number
- Divisibility Rules
- Divisibility & Factors
- HCF/LCM
- Finding out the last digit
- Finding out the last two digits
- Number of trailing zeroes
- Highest power of a number in a factorial
- Finding out remainders
- Base systems

Arithmetic

- Averages
- Mean Median Mode
- Percentages
- Simple & Compound Interest
- Instalments
- Profit & Loss
- Ratio & Proportion
- Mixtures & Allegations
- Time Speed & Distance

- Clocks
- Time & Work & Algebra
- Basic Algebraic Formulae
- Linear equations
- Quadratic equations
- Higher Degree equations
- Inequalities
- Logarithms

Functions and Logical Reasoning - 16%

- Coding - Decoding
- Number Series
- Letter Series
- Symbol Series
- Symbol based logic
- Number & Alphabets analogies
- Odd one out
- Direction Sense
- Blood Relations/Family tree
- Dice Related problems
- Verbal arithmetic
- Sequential output
- True & False statements
- Pan Balance
- Linear arrangement

- Circular arrangement
- Matrix/Grid arrangements
- Games & Tournaments
- Logical conditions
- Logical grouping
- Critical path
- Cube based problems
- Matchstick/Coin picking based problems

Data Interpretation - 16%

- Tables
- Pie Charts
- Bar Graphs
- Line Graphs
- Case lets
- Data Sufficiency

PART II :Technical Aptitude Test - 30 Minutes

o Cybersecurity

- Basics of Computers & Networks
- Operating System
- Software Engineering

o Data Analytics

- Statistics

Marking Scheme: +1 for every correct answer

Negative Marking: -1/3 for every wrong answer