



SARDAR PATEL UNIVERSITY OF POLICE, SECURITY AND CRIMINAL JUSTICE



Lordi Panditji, Jodhpur- 342037
(Home Department, Government of Rajasthan)

SFSL Sr. Scientific Assistant & Jr. Scientific Assistant **Direct Recruitment – 2022**

Syllabus for Quantitative Aptitude, General Knowledge and Reasoning

Quantitative Aptitude

- Number System
- Fractions and their simplification
- LCM and HCF
- Ration and Proportion
- Partnership
- Profit and Loss
- Simple and Compound Interest
- Time and Work
- Permutation and Combinations
- Sequence and Series
- Area and Perimeter
- Volume and Surface Area
- Height and Distance
- Averages
- Linear Equation
- Simple Quadratic Equations
- Circles, Triangles, Trigonometry
- Probability
- Data Tables, Data Charts and Bar Diagrams
- Pie Charts and Graphs
- Mean, Mode and Median

General Knowledge

- History and culture of India
- History and culture of Rajasthan
- Indian Constitution
- Geography of India
- Geography of Rajasthan
- Important Days and events
- Books and Authors
- National Awards
- Honours and Recognition
- Countries, Capitals, and Currencies
- National and UN Organizations
- Science and Technology
- Inventions and Discoveries
- Indian Economics
- Finance, Budget and Five-Year Plans etc.
- National and International Financial Institutions
- Current Affairs-National and International
- Indian Politics

Reasoning

- Arrangements
- Statements and Assumptions
- Seating Arrangement/ Puzzle Test
- Assertions and Reasoning
- Relationships
- Circular Arrangements
- Clocks and calendars
- Syllogisms
- Alphabetical/ Numeric/ Alphanumeric Series
- Logical sequencing
- Coding and De-coding
- Arguments & Conclusions
- Puzzles
- Direct sense
- Analogies
- Connectives
- Data Comparison
- Data Handling
- Data implementation