



## CSIR NET General Aptitude Syllabus

- **General Science**
- **Quantitative Reasoning**
  - **Arithmetic, number theory, statistics**
    - arithmetical operations
    - the number line and ordering
    - integers, factors and multiples
    - decimals, percentages and ratios
    - exponents and square roots
    - mean, median, mode, range, standard deviation
    - basic probability
    - number patterns (series, permutations, factorials)
  - **Interpretation of graphical data**
    - tabular data (tables)
    - line charts, bar charts and scatter charts
    - pie graphs
  - **Algebra**
    - operations on variables
    - factorable binomials and polynomials
    - algebraic equations
    - algebraic functions
    - algebraic inequalities
  - **Geometry**
    - lines and angles
    - triangles, quadrilaterals and other polygons
    - Mensuration and Quantitative comparison
    - coordinate geometry
  - **Moving Object Problems**
    - Distances and Directions
    - Distance, time and speed
  - **LOGICAL REASONING**
    - Data Interpretation
    - Observational Ability
    - Logical Puzzles
  - **Other Topics**
    - Calendar Problem
    - Clock Problem
- **Research Aptitude**