

SSC CGL Tier I Syllabus

1. General Intelligence & Reasoning

- **Verbal Reasoning**
 - **Analogy:** Semantic Analogy, Symbolic/Number Analogy, Figural Analogy
 - **Classification:** Semantic Classification, Symbolic/Number Classification, Figural Classification
 - **Series:** Arithmetic Number Series, Semantic Series, Number/Figural Series
 - **Coding-Decoding:** Coding by Analogy, Coding by words, Coding-Decoding by Letter Shifting
 - **Word Formation:** From given letters, Dictionary order
 - **Order & Ranking:** Sequence of words, Ranking test
- **Non-Verbal Reasoning**
 - **Visual Puzzles:** Embedded Figures, Figural Pattern-folding & completion
 - **Images:** Mirror Image, Water Image
 - **Paper Cutting:** Punched hole/pattern-folding & unfolding
 - **Cubes & Dice:** Construction of boxes, spotting the opposite face
- **Logical Reasoning**
 - **Syllogism:** Statement & Conclusion, Deriving conclusions
 - **Venn Diagrams:** Logical Venn Diagrams, Symbolic operations
 - **Blood Relations:** Family tree, Coded blood relations
 - **Direction Sense:** Distance & Direction test
 - **Miscellaneous:** Problem Solving, Emotional Intelligence, Critical Thinking

2. General Awareness

- **Static GK**
 - **History:** Ancient, Medieval, Modern Indian History (Focus on Independence Movement)
 - **Geography:** Physical Geography, Indian Geography (Rivers, Mountains, Soil), World Geography
 - **Polity:** Indian Constitution, Articles, Amendments, Parliament, President, Judiciary
 - **Economics:** Basic Economy, Budget, GDP, 5-Year Plans, RBI & Banking
 - **Science:** Physics (Laws, Inventions), Chemistry (Chemical names, properties), Biology (Diseases, Human body, Plants)
- **Current Affairs**

- **National & International:** Recent summits, treaties, and major events (last 6–8 months)
- **Awards & Honours:** Nobel Prize, National Awards, Sports Awards
- **Books & Authors:** Recently released books and famous classic authors
- **Sports:** Tournaments, Trophies, Players, Olympics/Commonwealth news
- **Government Schemes:** Central and State government welfare schemes
- **Miscellaneous**
 - **Computer Basics:** Basic computer knowledge
 - **Important Days:** National & International days and themes
 - **Portfolios:** Cabinet Ministers, Governors, Chief Ministers

3. Quantitative Aptitude

- **Number System**
 - **Computation:** Whole numbers, Decimals & Fractions
 - **Divisibility:** Divisibility rules & Remainder Theorem
- **Arithmetic**
 - **Percentages:** Basic percentage, consumption/expenditure
 - **Ratio & Proportion:** Simple ratio, compound ratio, third/fourth proportional
 - **Average:** Simple average, weighted average
 - **Profit & Loss:** Discount, Successive discount, Dishonest dealer
 - **Interest:** Simple Interest (SI) and Compound Interest (CI)
 - **Time & Work:** Work efficiency, pipes & cisterns
 - **Time, Speed & Distance:** Trains, Boats & Streams, Relative speed
 - **Mixture & Alligation:** Replacement of liquids, mixing ratios
- **Algebra**
 - **Identities:** Basic School algebra formulas ($a^2 - b^2$, $(a+b)^3$, etc.)
 - **Surds:** Elementary Surds & Indices rules
 - **Linear Equations:** Graphs of Linear Equations
- **Geometry**
 - **Triangles:** Congruence, Similarity, Centroid, In-centre, Circum-centre, Ortho-centre
 - **Circles:** Chords, Tangents, Angles subtended by chords, Common tangents
 - **Quadrilaterals & Polygons:** Properties of squares, rectangles, regular polygons
- **Mensuration**
 - **2D Mensuration:** Area and Perimeter of Triangle, Circle, Quadrilaterals
 - **3D Mensuration:** Surface area and Volume of Prism, Cone, Cylinder, Sphere, Hemisphere, Rectangular Parallelepiped (Cuboid), Regular Right Pyramid
- **Trigonometry**
 - **Ratios & Identities:** \sin , \cos , \tan , Standard Identities ($\sin^2\theta + \cos^2\theta = 1$)
 - **Angles:** Complementary angles, Degree and Radian measures

- **Height & Distance:** Simple problems involving angles of elevation/depression
- **Data Interpretation**
 - **Charts:** Histogram, Frequency Polygon, Bar Diagram, Pie Chart

4. English Comprehension

- **Vocabulary**
 - **Synonyms & Antonyms**
 - **One Word Substitution**
 - **Idioms & Phrases**
 - **Spelling Correction:** Detecting mis-spelt words
- **Grammar**
 - **Error Spotting:** Noun, Pronoun, Verb, Adjective, Adverb, Preposition, Conjunction
 - **Sentence Improvement:** Correcting underlined parts of sentences
 - **Active & Passive Voice:** Conversion rules
 - **Direct & Indirect Speech:** Narration rules
 - **Fill in the Blanks:** Grammar-based or Vocabulary-based
- **Reading Skills**
 - **Reading Comprehension:** Passage with questions
 - **Cloze Test:** Passage with blanks to be filled
 - **Para Jumbles:** Sentence Rearrangement (PQRS)

WWW.GOVTRRESULTS.INFO.COM

SSC CGL Tier II Exam Structure

SSC CGL Tier II is conducted in multiple papers depending on the post preference of candidates. The exam mainly includes:

- **Paper I:** Compulsory for all candidates
 - **Paper II:** Statistics (Only for Junior Statistical Officer – JSO)
 - **Paper III:** General Studies (Finance & Economics) – For specific posts
-

Paper I – Mathematical Abilities

Number Systems

- Computation of Whole Numbers
- Decimal & Fractions
- Relationship Between Numbers

Fundamental Arithmetical Operations

- Percentage
- Ratio & Proportion
- Square Roots
- Averages
- Interest (Simple & Compound)
- Profit & Loss
- Discount
- Partnership Business
- Mixture & Allegation

Algebra

- Basic Algebraic Identities
- Elementary Surds
- Graphs of Linear Equations

Geometry

- Familiarity with Elementary Geometric Figures
- Triangle and Its Various Kinds
- Congruence & Similarity of Triangles
- Circle and Its Chords
- Tangents and Angles

Mensuration

- Triangle
- Quadrilateral
- Regular Polygons
- Circle
- Right Prism
- Right Circular Cone
- Sphere
- Cylinder

Trigonometry

- Trigonometric Ratios
- Complementary Angles
- Height and Distance (Simple Problems)

Statistics & Probability

- Use of Tables and Graphs
 - Histogram
 - Frequency Polygon
 - Pie Chart
-

Paper I – Reasoning & General Intelligence

Verbal Reasoning

- Analogy
- Classification
- Coding–Decoding
- Series
- Blood Relations
- Direction Sense
- Syllogism
- Venn Diagram

Non-Verbal Reasoning

- Figure Series
- Mirror & Water Images
- Paper Folding & Cutting

- Embedded Figures
- Cubes & Dice

Analytical Reasoning

- Matrix Problems
 - Statement & Conclusion
 - Logical Arrangement
-

Paper I – English Language & Comprehension

Vocabulary

- Synonyms & Antonyms
- One Word Substitution
- Idioms & Phrases

Grammar

- Parts of Speech
- Tenses
- Subject–Verb Agreement
- Active & Passive Voice
- Direct & Indirect Speech

Reading Skills

- Comprehension Passage
- Cloze Test
- Sentence Rearrangement

Writing Skills

- Error Spotting
 - Sentence Improvement
 - Fill in the Blanks
-

Paper I – General Awareness

Static General Knowledge

- History
- Geography
- Indian Polity
- Indian Economy
- General Science

Current Affairs

- National & International Events
 - Government Schemes
 - Awards & Honors
 - Sports
 - Important Days
-

Paper I – Computer Knowledge Test

Computer Basics

- Computer Organization
- Hardware & Software
- Input & Output Devices

Internet & Networking

- Basics of Internet
- Web Browsers
- Email

Microsoft Office

- MS Word
- MS Excel
- MS PowerPoint

Cyber Security

- Virus & Malware
 - Safe Internet Practices
-

Data Entry Speed Test (DEST)

- Typing Speed Test on Computer
 - Qualifying in Nature
 - Required Speed: 2000 key depressions in 15 minutes
-

Paper II – Statistics (For JSO Post Only)

Collection & Classification of Data

- Types of Data
- Frequency Distribution

Measures of Central Tendency

- Mean
- Median
- Mode

Dispersion

- Range
- Variance
- Standard Deviation

Probability

- Random Variables
- Probability Distribution

Sampling Theory

- Random Sampling
 - Sampling Errors
-

Paper III – General Studies (Finance & Economics)

Finance & Accounts

- Fundamental Principles
- Accounting Concepts
- Financial Statements

Economics

- Microeconomics Basics
 - Macroeconomics Concepts
 - Indian Economy
 - Economic Reforms
-

Important Notes

- Paper I is compulsory for all candidates.
- Paper II and Paper III are only for specific posts.
- DEST is qualifying but mandatory for certain posts.
- Questions are objective type except specific modules where applicable.

WWW.GOVTRÉSULTSINFO.COM

[SSC CGL MOCK TEST \(FREE\)](#)

SSC CGL Tier I Detailed Syllabus