SSC CGL Tier 1 Syllabus

Quantitative Aptitude

- Computation of whole numbers
- Discount
- Percentage
- Degree and Radian Measures
- Triangle
- Right Circular Cylinder
- Hemispheres
- Basic algebraic identities of School Algebra & Elementary surds
- Decimals
- Partnership Business
- Ratio & Proportion
- Graphs of Linear Equations
- Quadrilaterals
- Sphere
- Rectangular Parallelepiped
- Circle and its chords, tangents, angles subtended by chords of a circle, common tangents to two or more circles
- Profit and Loss
- Time & Work
- Interest
- Standard Identities
- Right Circular Cone
- Frequency polygon
- Complementary angles
- Relationships between numbers
- Time and distance
- Averages
- Congruence and similarity of triangles
- Right Prism
- Histogram
- Trigonometric ratio
- Fractions
- Mixture and Alligation
- Square roots
- Triangle and its various kinds of centers
- Regular Polygons
- Heights and Distances
- Regular Right Pyramid with triangular or square base

General Intelligence & Reasoning

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<thead>
<tr>
<th></th>
<th>Similarities and differences</th>
<th>Space visualization</th>
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<td>Analogies</td>
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<td>Analysis</td>
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<td>Visual memory</td>
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<td>Relationship concepts</td>
<td>Arithmetical reasoning</td>
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<td>Arithmetic number series</td>
<td>Non-verbal series</td>
<td>Coding and decoding</td>
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<td>Statement conclusion</td>
<td>Syllogistic reasoning</td>
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English Language

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<tr>
<th>Phrases and Idioms</th>
<th>One word Substitution</th>
<th>Sentence Correction</th>
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<tr>
<td>Error Spotting</td>
<td>Fill in the Blanks</td>
<td>Spellings Correction</td>
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<td>Reading Comprehension</td>
<td>Synonyms-Antonyms</td>
<td>Active Passive</td>
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<td>Sentence Rearrangement</td>
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General Awareness

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<th>Current Affairs</th>
<th>History</th>
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<td>Important Days</td>
<td>Important Schemes</td>
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<td>India and its neighbouring countries</td>
<td>People in News</td>
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<tr>
<td>Sports</td>
<td>Economics</td>
<td>Scientific Research</td>
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SSC CGL Tier 2 Syllabus

Mathematical Abilities

**Number Systems:** Computation of Whole Numbers, Decimals and Fractions, and Relationship between numbers.

**Fundamental arithmetical operations:** Percentages, Ratio and Proportion, Square roots, Averages, Interest (Simple and Compound), Profit and Loss, Discount, Partnership Business, Mixture and Alligation, Time and distance, Time and work.
**Algebra:** Basic algebraic identities of School Algebra and Elementary surds (simple problems) and Graphs of Linear Equations.

**Geometry:** Familiarity with elementary geometric figures and facts: Triangle and its various kinds of centers, Congruence and similarity of triangles, Circle and its chords, tangents, angles subtended by chords of a circle, common tangents to two or more circles.

**Mensuration:** Triangle, Quadrilaterals, Regular Polygons, Circle, Right Prism, Right Circular Cone, Right Circular Cylinder, Sphere, Hemispheres, Rectangular Parallelepiped, Regular Right Pyramid with triangular or square Base.

**Trigonometry:** Trigonometry, Trigonometric ratios, Complementary angles, Height and distances (simple problems only) Standard Identities like

**Statistics and probability:** Use of Tables and Graphs: Histogram, Frequency polygon, Bar-diagram, Pie-chart, Measures of central tendency: mean, median, mode, standard deviation; calculation of simple probabilities.

**General Intelligence & Reasoning**

- Semantic Analogy
- Symbolic operations
- Symbolic/Number Analogy
- Trends
- Figural Analogy
- Space Orientation
- Semantic Classification
- Venn Diagrams
- Symbolic/ Number Classification
• Drawing inferences
• Figural Classification
• Punched hole/ pattern-folding & unfolding
• Semantic Series
• Figural Pattern Folding and completion,
• Number Series
• Embedded figures
• Figural Series
• Critical Thinking
• Problem-Solving
• Emotional Intelligence
• Word Building
• Social Intelligence
• Coding and Decoding,
• Numerical operations, Other subtopics, if any.

English Language & Comprehension

• Vocabulary
• Grammar
• Sentence Structure
• Synonyms
• antonyms and their correct usage
• Spot the Error
• Fill in the Blanks
• Synonyms/Homonyms
• Antonyms, Spellings/ Detecting misspelt words
• Idioms & Phrases
• One word substitution
• Improvement of Sentences
• Active/Passive Voice of Verbs
• Conversion into Direct/ Indirect narration
• Shuffling of Sentence parts
• Shuffling of Sentences in a passage
• Cloze Passage
• Comprehension Passage
• To test comprehension, three or more paragraphs will be given and questions based on those will be asked. At least one paragraph should be a simple one based on a book or a story and the other two paragraphs should be on current affairs, based on a report or an editorial

General Awareness

The purpose of the questions in this section is to gauge the candidates' general understanding of their surroundings and how they affect society. In addition, questions are made to assess one's understanding of current affairs as well as topics related to scientific observation and experience from daily life. In particular, topics of history, culture, geography, the economy, general policy, and scientific research will all be relevant to India and its neighbouring nations.

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Computer Knowledge

**Computer Basics:** Organization of a computer, Central Processing Unit (CPU), input/output devices, computer memory, memory organization, back-up devices, PORTs, Windows Explorer. Keyboard shortcuts.

**Software:** Windows Operating system including basics of Microsoft Office like MS Word, MS Excel and PowerPoint etc..

**Working with the Internet and emails:** Web Browsing & Searching, Downloading & Uploading, Managing an Email Account, e-banking.

**Basics of networking and cyber security:** Networking devices and protocols, Network and information security threats (like hacking, virus, worms, Trojans etc.) and preventive measures.