



## **SSC CHSL tier-I Syllabus:**

<b>General Intelligence</b>	<b>Quantitative Aptitude</b>	<b>English Language</b>	<b>General Awareness</b>
Semantic Analogy	Number Systems	Spot the Error	History
Symbolic operations	Simplification	Fill in the Blanks	Culture
Symbolic/ Number Analogy	Surds and Indices	Synonyms/ Homonyms	Geography
Trends	HCF and LCM	Antonyms	Economic Scene
Figural Analogy	Percentage	Spellings/ Detecting mis-spelt words	General policy and scientific research
Space Orientation	Ratio and Proportion	Idioms & Phrases	Awards and Honors
Semantic Classification	Average	One word substitution	Books and Authors
Venn Diagrams	Simple Interest	Improvement of Sentences	
Symbolic/ Number Classification	Compound Interest	Active/ Passive Voice of Verbs	
Drawing inferences	Profit and Loss	Conversion into Direct/ Indirect narration	
Figural Classification	Discount	Shuffling of Sentence parts	
Punched hole/ pattern-folding & unfolding	Partnership	Shuffling of Sentences in a passage	
Semantic Series	Mixture and Alligation	Cloze Passage	
Figural Pattern-folding and completion	Time, Speed and Distance	Comprehension Passage	
Number Series	Time and Work		
Embedded figures	Algebra		
Figural Series	Geometry		
Critical Thinking	Mensuration		
Problem Solving	Trigonometry		
Emotional Intelligence	Data Interpretation		
Word Building	Permutation and Combination		
Social Intelligence	Probability		
Coding and de-coding			



Numerical operations			
Other sub-topics, if any			

#### Detailed Syllabus for Quantitation Aptitude for Tier-I

Chapter	Topics
Number System	1. Computation of Whole Number 2. Decimal and Fractions 3. Relationship between numbers
Fundamental arithmetical operations	1. Percentages 2. Ratio and Proportion 3. Square roots 4. Averages 5. Interest (Simple and Compound) 6. Profit and Loss 7. Discount 8. Partnership Business 9. Mixture and Allegation 10. Time and distance 11. Time and work
Algebra	1. Basic algebraic identities of School Algebra 2. Elementary surds (simple problems) 3. Graphs of Linear Equations.
Geometry	1. Familiarity with elementary geometric figures and facts 2. Triangle and its various kinds of centers 3. Congruence and similarity of triangles 4. Circle and its chords 5. tangents 6. angles subtended by chords of a circle 7. common tangents to two or more circles
Mensuration	1. Triangle 2. Quadrilaterals 3. Regular Polygons



	<ul style="list-style-type: none"><li>4. Circle</li><li>5. Right Prism</li><li>6. Right Circular Cone</li><li>7. Right Circular Cylinder</li><li>8. Sphere</li><li>9. Hemispheres</li><li>10. Rectangular Parallelepiped</li><li>11. Regular Right Pyramid with triangular or square Base.</li></ul>
Trigonometry	<ul style="list-style-type: none"><li>1. Trigonometry</li><li>2. Trigonometric ratios</li><li>3. Complementary angles</li><li>4. Height and distances (simple problems only)</li><li>Standard Identities like <math>\sin^2\theta + \cos^2\theta = 1</math> etc.</li></ul>
Statistical Charts	Use of Tables and Graphs: <ul style="list-style-type: none"><li>1. Histogram</li><li>2. Frequency polygon</li><li>3. Bar-diagram</li><li>4. Pie-chart</li></ul>

**Note:** For VH candidates of 40% and above visual disability, there will be no component of Maps/ Graphs/ Diagrams/ Statistical Data in the General Intelligence and Quantitative Aptitude parts.

**SSC CHSL Tier-II Syllabus:**

Module- I of Session-I (Mathematical Abilities)	
Chapter	Topics
Number System	<ul style="list-style-type: none"><li>1. Computation of Whole Number</li><li>2. Decimal and Fractions</li><li>3. Relationship between numbers</li></ul>
Fundamental arithmetical operations	<ul style="list-style-type: none"><li>1. Percentages</li><li>2. Ratio and Proportion</li><li>3. Square roots</li><li>4. Averages</li><li>5. Interest (Simple and Compound)</li><li>6. Profit and Loss</li></ul>



	7. Discount 8. Partnership Business 9. Mixture and Allegation 10. Time and distance 11. Time and work
Algebra	1. Basic algebraic identities of School Algebra 2. Elementary surds (simple problems) 3. Graphs of Linear Equations.
Geometry	1. Familiarity with elementary geometric figures and facts 2. Triangle and its various kinds of centers 3. Congruence and similarity of triangles 4. Circle and its chords 5. tangents 6. angles subtended by chords of a circle 7. common tangents to two or more circles
Mensuration	1. Triangle 2. Quadrilaterals 3. Regular Polygons 4. Circle 5. Right Prism 6. Right Circular Cone 7. Right Circular Cylinder 8. Sphere 9. Hemispheres 10. Rectangular Parallelepiped 11. Regular Right Pyramid with triangular or square Base.
Trigonometry	1. Trigonometry 2. Trigonometric ratios 3. Complementary angles 4. Height and distances (simple problems only) Standard Identities like $\sin 2\theta + \cos 2\theta = 1$ etc.
Statistics and probability	Use of Tables and Graphs:



	<ol style="list-style-type: none"><li>1. Histogram</li><li>2. Frequency polygon</li><li>3. Bar-diagram</li><li>4. Pie-chart</li></ol> <p>Measures of central tendency:</p> <ol style="list-style-type: none"><li>1. mean</li><li>2. median</li><li>3. mode</li><li>4. standard deviation</li><li>5. calculation of simple probabilities</li></ol>
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**Module -II of Section-I (Reasoning and General Intelligence):**

**Verbal and Non-verbal type:**

1. Semantic Analogy
2. Symbolic operations
3. Symbolic/ Number Analogy
4. Trends
5. Figural Analogy
6. Space Orientation
7. Semantic Classification
8. Venn Diagrams
9. Symbolic/ Number Classification
10. Drawing inferences
11. Figural Classification
12. Punched hole/ pattern-folding & unfolding
13. Semantic Series
14. Figural Pattern-folding and completion
15. Number Series
16. Embedded figures
17. Figural Series
18. Critical Thinking
19. Problem Solving
20. Emotional Intelligence
21. Word Building
22. Social Intelligence
23. Coding and de-coding
24. Numerical operations
25. Other sub-topics, if any

**Module-I of Section-II (English Language And Comprehension):**

**English Language And Comprehension:**

1. Vocabulary
2. grammar

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3. sentence structure
4. synonyms
5. antonyms and their correct usage
6. Spot the Error
7. Fill in the Blanks
8. Synonyms/ Homonyms
9. Antonyms
10. Spellings/ Detecting mis-spelt words
11. Idioms & Phrases
12. One word substitution
13. Improvement of Sentences
14. Active/ Passive Voice of Verbs
15. Conversion into Direct/ Indirect narration
16. Shuffling of Sentence parts
17. Shuffling of Sentences in a passage
18. Cloze Passage
19. Comprehension Passage

**Note:** To test comprehension, two 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 paragraph should be based on current affairs editorial or a report

#### Module-II of Section-II (General Awareness):

##### General Awareness:

- Questions are designed to test the candidates' general awareness of the environment around them and its application to society.
- Questions are also designed to test knowledge of current events and of such matters of everyday observation and experience in their scientific aspect as may be expected of an educated person.
- The test will also include questions relating to India and its neighboring countries especially pertaining to,
  1. History
  2. Culture
  3. Geography
  4. Economic Scene
  5. General policy
  6. Scientific research.

#### Module-I of Section-III of Paper-I (Computer Proficiency)

Chapter	Topics
Computer Basics	<ol style="list-style-type: none"><li>1. Organization of a computer</li><li>2. Central Processing Unit (CPU)</li><li>3. Input/ output devices</li><li>4. Computer memory</li></ol>

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	<ol style="list-style-type: none"><li>5. Memory organization</li><li>6. Back- up devices</li><li>7. PORTs</li><li>8. Windows Explorer</li><li>9. Keyboard shortcuts</li></ol>
Software	<ol style="list-style-type: none"><li>1. Windows Operating system including basics of Microsoft Office like MS word</li><li>2. MS Excel and Power Point etc..</li></ol>
Working with Internet and e-mails	<ol style="list-style-type: none"><li>1. Web Browsing &amp; Searching</li><li>2. Downloading &amp; Uploading</li><li>3. Managing an E-mail Account</li><li>4. e-Banking</li></ol>
Basics of networking and cyber security	<ol style="list-style-type: none"><li>1. Networking devices and protocols</li><li>2. Network and information security threats (like hacking, virus, worms,</li><li>3. Trojan</li><li>4. preventive measures.</li></ol>

