

SSC-CHSL-Syllabus

Indicative Syllabus for the Computer Based Examination (Tier-I):

English Language:

Spot the Error, Fill in the Blanks, Synonyms/ Homonyms, Antonyms, Spelling Errors, Idioms & Phrases, One Word Substitution, Sentence Improvement, Active/ Passive Voice of Verbs, Direct/ Indirect Narration, Sentence Arrangement, Cloze Passage, and Comprehension Passage.

General Intelligence:

This includes both verbal and non-verbal types. The test will cover 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-Decoding, Numerical Operations, and other sub-topics.

Quantitative Aptitude:

Number Systems: Computation of Whole Number, Decimals and Fractions, Relationship Between Numbers.

Fundamental Arithmetical Operations: Percentages, Ratio and Proportion, Square Roots, Averages, Simple and Compound Interest, Profit and Loss, Discount, Partnership Business, Mixture and Alligation, Time and Distance, Time and Work.

Algebra: Basic Algebraic Identities, Elementary Surds (Simple Problems), Graphs of Linear Equations.

Geometry: Triangles and Their Centers, Congruence and Similarity, Circles and Chords, Tangents, Angles Subtended by Chords, Common Tangents to Circles.

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

Trigonometry: Trigonometric Ratios, Complementary Angles, Heights and Distances, Standard Identities like $\sin^2\theta + \cos^2\theta = 1$, etc.

Statistical Charts: Use of Tables and Graphs, Histogram, Frequency Polygon, Bar Diagram, Pie Chart.

General Awareness:

Questions are framed to assess awareness of the environment and its application to society. It includes Current Events and questions on everyday observations and experiences in the scientific context. Also includes topics related to India and its Neighbouring Countries, History, Culture, Geography, Economic Scene, General Policy, and Scientific Research.

Indicative Syllabus for the Computer Based Examination (Tier-II):**Mathematical Abilities:**

Number Systems, Decimals, Fractions, Relationships Between Numbers, Percentages, Ratio and Proportion, Square Roots, Averages, Interest (Simple and Compound), Profit and Loss, Discount, Partnership, Mixture and Alligation, Time and Distance, Time and Work, Algebra (Basic Identities, Graphs), Geometry (Triangles, Circles, Tangents), Mensuration (2D/3D Shapes), Trigonometry (Ratios, Heights & Distances), Statistics (Mean, Median, Mode, SD), and Probability.

Reasoning and General Intelligence:

Semantic Analogy, Symbolic/ Number Analogy, Trends, Figural Analogy, Space Orientation, Classification (Semantic, Symbolic, Number, Figural), Venn Diagrams, Drawing Inferences, Punched Hole/ Pattern Folding & Unfolding, Series (Semantic, Figural, Number), Embedded Figures, Critical Thinking, Problem Solving, Coding-Decoding, Emotional and Social Intelligence, Word Building, Numerical Operations.

English Language and Comprehension:

Vocabulary, Grammar, Sentence Structure, Synonyms, Antonyms, Usage, Spot the Error, Fill in the Blanks, Spelling, Idioms & Phrases, One Word Substitution, Sentence Improvement, Voice (Active/Passive), Narration (Direct/Indirect), Sentence Arrangement, Cloze Test, and Comprehension Passage (story-based and editorial-based).

General Awareness:

General Awareness of Environment, Current Events, and Scientific Applications in Daily Life. Also includes History, Culture, Geography, Economic Scene, Indian Polity & Constitution, and Scientific Research.

Computer Knowledge:

Basics of Computer Systems – CPU, Input/Output Devices, Memory Structure, Backup Devices, Ports, Windows Explorer, Keyboard Shortcuts.

Software – Basics of Windows OS, MS Word, MS Excel, MS PowerPoint.

Internet and Email – Browsing, Email Management, Uploading/Downloading, e-Banking.

Cyber Security – Networking Devices, Protocols, Internet Threats (Viruses, Trojans, Worms), and Prevention Techniques.

Tier-II (Skill Test/ Typing Test):

Skill Test for Data Entry Operator (DEO):

This is mandatory and qualifying. Candidates must achieve 8000 key depressions per hour. The test duration is 15 minutes. Text containing about 2000–2200 key depressions will be given (on screen or paper), to be typed in English.

Typing Test for LDC / JSA:

The test will be in **Hindi or English** (as opted in the application form).

- English: 35 words per minute (10500 key depressions/hour)
- Hindi: 30 words per minute (9000 key depressions/hour)
Duration: 10 minutes (15 minutes for scribe-eligible candidates)

Important Notes:

- Typing/Skill Test is qualifying in nature.
- Errors will be calculated up to two decimal places.
- VH candidates using scribes will be provided passage dictators.