

## [SSC 10+2 CHSL Tier-II Syllabus]

### Scheme of Tier-II Examination:

Tier	Session	Subject	Number of Questions	Maximum Marks	Time allowed
II	Session-I (2 hours and 15 minutes)	Section-I: A: Mathematical Abilities	30	60*3 = 180	1 hour (for each section)
		B: Reasoning and General Intelligence.	30 Total = 60		
		Section-II: A: English Language and Comprehension	40 20 Total = 60	60*3 = 180	
		B: General Awareness			
		Section-III: Computer Knowledge Test	15	15*3 = 45	15 Minutes
		Session-II	Section-IV:	Part A: Skill Test for DEOs in Department/ Ministry mentioned at Para 8.1	-
		Skill Test/ Typing Test	Part B: Skill Test for DEOs except in Department/ Ministry mentioned at Para 8.1	-	15 Minutes
			Part C: Typing Test for LDC/ JSA.	-	10 Minutes

- Tier-II will include following four sections as under:
- Section-I:
  - (i) A: Mathematical Abilities
  - (ii) B: Reasoning and General Intelligence.
- Section-II:
  - (I) A: English Language and Comprehension
  - (ii) B: General Awareness
- Section-III: Computer Knowledge Test
- Section-IV: Skill Test/Typing Test
- Tier-II will be conducted in two sessions:- Session-I & Session-II, on same day. Session-I will include conducting of Section-I, Section-II and Section-III. Session-II will include conducting of Section-IV.
- Session-I will include conducting of Section-I, Section-II and Section-III. Therefore, duration of Session-I will be 2 hours and 15 minutes.
- Section-I has two Parts viz. A (Mathematical Abilities) and B (Reasoning and General Intelligence). The candidates will get one hour to complete this section. On completion of one hour, this section will get automatically closed.
- Immediately after completion of Section-I, the two Parts of Section-II viz. A (English Language and

Comprehension) and B (General Awareness), will start. Section-II will also be for one hour and immediately on completion of one hour, this section will get automatically closed.

- Section-III viz. Computer Knowledge Test will commence immediately after completion of Section-II and will be for a duration of 15 minutes. On completion of Section-III, Session-I will come to an end.
- After the completion of Session-I, the candidates will get a break for re-registration for Session-II.
- Session-II will include conducting of Section-IV i.e. Skill Test/Typing Test.
- It will be mandatory for the candidates to qualify all the sections of Tier-II.
- Tier-II will consist of Objective Type/Multiple choice questions, except for Section-IV. The questions will be set in English, Hindi and any language opted by the candidate in the application form, as given at Annexure-XVI except for Part-A (i.e. English Language and Comprehension module) in Section-II.
- There will be negative marking of 1 mark for each wrong answer in Section-I, Section-II and Section-III. Candidates are, therefore, advised to keep this in mind while answering the questions.
- Section-III i.e. Computer Knowledge Test is mandatory but qualifying in nature.
- Section-IV i.e. Skill Test/ Typing Test:
  - Section-IV will include conducting of Skill Test/ Typing Test in Session-II on the same day.
  - Skill Test/ Typing Test will be of qualifying nature.
  - Skill Test/ Typing Test will be evaluated as per the evaluation guidelines available on the website of the Commission.
  - Errors in the Skill Test will be calculated up to 2 decimal places.
  - Skill Test/ Typing Test will be conducted as per the following scheme:
    - Skill Test for Data Entry Operator:
      - (i) Skill Test is mandatory for Data Entry Operators. No candidate is exempted from appearing in the Skill Test.
      - (ii) Part A - Skill Test for the post of DEO/ DEO Grade 'A' in Department/ Ministry mentioned at Para 8.1: The 'speed of 15000 (Fifteen Thousand) Key Depressions per hour on Computer' will be adjudged on the basis of the correct entry of words/ key depressions as per the given passage. The duration of the Test will be 15 (Fifteen) minutes and printed matter in English containing about 3700-4000 key-depressions would be given to each candidate who would enter the same in the Computer. The passage to be entered in the computer may also be displayed on the computer screen.
      - (iii) Part B - Skill Test for the post of DEO/ DEO Grade 'A' except in Department/ Ministry mentioned at Para 8.1: 'Data Entry Speed of 8,000 (Eight Thousand) Key Depressions per hour on Computer' will be adjudged on the basis of the correct entry of words/ key depressions as per the given passage. The duration of the Test will be 15 (Fifteen) minutes and printed matter in English containing about 2000-2200 key-depressions would be given to each candidate who would enter the same in the Computer. The passage to be entered in the Computer may also be displayed on the computer screen.
      - (iv) Candidates eligible for scribe as per Para 7.1, 7.2 and 7.3 will be given compensatory time of 5 minutes. Therefore, duration of Skill Test for such candidates will be 20 minutes.
    - Part C - Typing Test for other posts i.e. LDC/ JSA:
      - (I) The medium of Typing Test will be Hindi or English. The candidates will have to opt for the medium of Typing Test (i.e. either Hindi or English) in the online Application Form.
      - (ii) The choice of Typing Test given by the candidate in the online Application Form shall be treated as final and no change in the medium of Typing Test will be entertained later.
      - (iii) Candidates opting for English medium should have typing speed of 35 words per minute (w.p.m.) and those opting for Hindi medium should have typing speed of 30 words per minute (w.p.m.). 35 w.p.m. and 30 w.p.m. correspond to about 10500 key depressions per hour and about 9000 key depressions per hour respectively.
      - (iv) The speed will be adjudged on the accuracy of typing on the Computer of a given text passage in 10 minutes.

## Indicative Syllabus (Tier-II):

### **Mathematical Abilities:**

- **Number Systems:** Computation of Whole Number, Decimal and Fractions, 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 centres, 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  $\sin^2 \theta + \cos^2 \theta = 1$  etc.
- **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.

### **Reasoning and General Intelligence:**

- Questions of both verbal and non-verbal type. These will include questions on 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 sub- topics, if any.

### **English Language And Comprehension:**

- Vocabulary, grammar, sentence structure, synonyms, antonyms and their correct usage; Spot the Error, Fill in the Blanks, Synonyms/ Homonyms, Antonyms, Spellings/ Detecting mis-spelt 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, 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.

### **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 History, Culture, Geography, Economic Scene, General policy and scientific research.

### **Computer Knowledge/Proficiency:**

- **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 Power Point etc..
- **Working with Internet and e-mails:** Web Browsing & Searching, Downloading & Uploading, Managing an E-mail Account, e-Banking.
- **Basics of networking and cyber security:** Networking devices and protocols, Network and information security threats (like hacking, virus, worms, Trojan etc.) and preventive measures.