

Quant for SSC CHSL - Topic Wise Weightages

Are you aiming to ace the SSC CHSL exam 2024 but confused about the preparation of the quant section? Then, this blog is your ultimate guide. The Staff Selection Commission(SSC) recently released the official [SSC CHSL Notification 2024](#) and it is very crucial for you to have a detailed understanding of each quant topic. Quantitative aptitude and mathematical abilities are the two very crucial sections in Tier-1 and Tier-2 of the SSC CHSL Exam respectively. Strategic focus must be given to important topics that frequently come up in the exam while preparing for this section. This includes having a solid understanding of algebra, arithmetic, data interpretation and more. Therefore, in this blog, we will discuss the Quant for SSC CHSL. Let's begin!

Quant for SSC CHSL - Tier 1

The SSC CHSL exam consists of two Tiers. Tier-1 includes four sections i.e., General Intelligence, General Awareness, Quantitative Aptitude, and English Language. The Quantitative Aptitude features 25 questions for 50 marks. Below, we have provided an outline of topics covered under Quant for SSC CHSL Tier-1.

SSC CHSL SYLLABUS

Quantitative Aptitude (Tier 1)



- Computation of Whole Number, Decimal and Fractions
- Relationship between numbers
- Percentages
- Ratio and Proportion
- Square roots
- Averages
- Interest (Simple and Compound)
- Profit and Loss
- 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.
- Discount
- Partnership Business
- Mixture and Allegation
- Time and distance
- Time and work
- Basic algebraic identities of School Algebra and Elementary surds (simple problems) and Graphs of Linear Equations.
- 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.
- Trigonometry
- Trigonometric ratios
- Complementary angles
- Height and distances (simple problems only) Standard Identities like $\sin^2\theta + \cos^2\theta=1$ etc.
- Use of Tables and Graphs: Histogram, Frequency polygon, Bar-diagram, Pie-chart.



[Source: KD Live]

For your clarity and ease, we have provided a topic-wise weightage of Quant for SSC CHSL.



Quant for SSC CHSL - Topic Wise Weightages

Quantitative Aptitude Topics	Weightage
Data Interpretation	3-5
Pipes and Cistern	0-1
Percentage	1-2
Time and Work	1-2
Discount	0-1
Algebra	2-3
Simplification	0-1
Ratio and Proportion	0-3
Trigonometry	0-3
Speed, Distance, and Time	1-2
Average	0-3
Profit and Loss	0-2
Partnership	0-1
Mixture and Alligation	0-2
Problem on Ages	0-2
Boat and Stream	0-1
Geometry	2-3
Mensuration	2-3
Simple Interest and Compound Interest	0-2
Pipes and Cistern	0-1

It is evident from the table above that Data Interpretation holds the highest weightage in Quant for SSC CHSL Tier-1. Moving forward, let's discuss the SSC CHSL Tier-1 Exam Pattern.

Quant for SSC CHSL - Tier 1 Exam Pattern

Understanding the exam pattern is very crucial. It acts as a guidance for you. It helps you to create an effective study plan and modify your preparation strategies if needed. To ensure the accuracy of the information, we have attached a snip from the official notification.

**Quant for SSC CHSL - Topic Wise Weightages**

Tier	Part	Subject (Not in sequence)	Number of Questions/ Maximum Marks	Time Duration (For all four Parts)
I	I	English Language (Basic Knowledge)	25/ 50	60 Minutes (80 Minutes for candidates eligible for scribe as per Para-7.1, 7.2 and 7.3)
	II	General Intelligence	25/ 50	
	III	Quantitative Aptitude (Basic Arithmetic Skill)	25/ 50	
	IV	General Awareness	25/ 50	

[Source: ssc.gov.in]

In SSC CHSL Tier 1, you'll face 100 multiple-choice questions worth 2 marks each, totaling 200 marks. The exam lasts 60 minutes and is available in English, Hindi, and the language you choose in your application. Be aware that 0.50 marks will be deducted for every wrong answer, so answer carefully.

Quant for SSC CHSL - Tier 2

Tier-2 of the SSC CHSL exam will be conducted in two sessions, namely Session-I and Session-II, both on the same day. Session-I includes three sections and Mathematical abilities is a part of Module-I of Section-I. We have provided an outline of topics covered under Quant for SSC CHSL Tier-2. Have a look!

Quant for SSC CHSL - Topic Wise Weightages

SSC CHSL SYLLABUS

Quantitative Aptitude (Tier 2)



- Computation of Whole Number, Decimal and Fractions
- Relationship between numbers
- Percentages
- Ratio and Proportion
- Square roots
- Averages
- Interest (Simple and Compound)
- Profit and Loss
- 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.
- Discount
- Partnership Business
- Mixture and Allegation
- Time and distance
- Time and work
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- 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.
- Trigonometry
- Trigonometric ratios
- Complementary angles
- Height and distances (simple problems only) Standard Identities like $\sin^2\theta + \cos^2\theta = 1$ etc.
- 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.



[Source: KD Live]

The topic-wise weightage of the Mathematical Abilities (Quant) section of SSC CHSL Tier-2 is given below.

Mathematical Abilities (Quant)	Weightage
Average	1
Percentage	1
Profit & Loss	2
Time & Work	2
Speed, Time and Distance	3
Interest	1
Ratio & Proportion	3
Geometry	6
Trigonometry	3
Mensuration	2
Algebra	2
Data Interpretation	4

The table clearly illustrates that Geometry and DI hold the maximum weight in this section of Quant for SSC CHSL Tier-2.

Quant for SSC CHSL - Tier 2 Exam Pattern

Before beginning your preparation for Quant for SSC CHSL exam, it is important for you to understand its exam pattern. We have attached a snippet of the SSC CHSL Tier-2 exam pattern for your reference.

Quant for SSC CHSL - Topic Wise Weightages

Tier	Session	Subject	Number of Questions	Maximum Marks	Time allowed	
II	Session-I (2 hours and 15 minutes)	Section-I: Module-I: Mathematical Abilities	30	60*3 = 180	1 hour (for each section) (1 hours and 20 minutes for the candidates eligible for scribe as per Para-7.1, 7.2 and 7.3)	
		Module-II: Reasoning and General Intelligence	30 Total = 60			
		Section-II: Module-I: English Language & Comprehension Module-II: General Awareness	40 20 Total = 60	60*3 = 180		
		Section-III: Module-I: Computer Knowledge Module	15	15*3 = 45	15 Minutes (20 minutes for the candidates eligible for scribe as per Para-7.1, 7.2 and 7.3)	
	Session- II	Section-III: Module-II: Skill Test / Typing Test Module	Part A: Skill Test for DEOs in Department/ Ministry mentioned at Para 8.1	-	-	15 Minutes (20 minutes for the candidates eligible for scribe as per Para-7.1, 7.2 and 7.3)
			Part B: Skill Test for DEOs except in Department / Ministry mentioned at Para 8.1	-	-	15 Minutes (20 minutes for the candidates eligible for scribe as per Para-7.1, 7.2 and 7.3)
Part C: Typing Test for LDC/ JSA.			-	-	10 Minutes (15 minutes for the candidates eligible for scribe as per Para-7.1, 7.2 and 7.3)	

[Source: ssc.gov.in]

SSC CHSL Tier 2 will take place in two sessions on the same day. In Session 1, you'll complete Sections 1 and 2, along with Module 1 of Section 3. Session 2 will cover Module 2 of Section 3. Most of the exam will feature objective multiple-choice questions, except for Module 2 of Section 3. The questions will be available in both English and Hindi, except for the English Language and Comprehension module. For Section I, Section II, and Module I of Section III, each wrong answer will result in a deduction of 1 mark. Be mindful of this penalty while answering questions. Additionally, for more information on the [SSC CHSL Exam Pattern 2024](#), read our blog by clicking on the embedded link.



Quant for SSC CHSL - Topic Wise Weightages

Quant for SSC CHSL - How to prepare?

Here are a few essential tips to guide you to ace the quant section in the SSC CHSL Exam:

- In competitive exams such as the SSC CHSL, time management is essential. Create a plan to divide your time wisely between each area according to your strengths and weaknesses.
- For the purpose of improving your speed and accuracy, practise answering questions from past years within the time limit provided.
- Practise more and more questions to ace the quant section. This will help you master each topic of the quant section.
- Practice **mock tests** to identify your weaknesses.

In conclusion, this blog on Quant for SSC CHSL has come to an end. We hope that we have jotted down all the crucial information regarding the quant section of the SSC CHSL Exam. For any updates, you can follow **KD Live**. We wish you all the best for your SSC CHSL Exam!