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SSC CHSL Math Syllabus - Subject Wise Topics Weightage

Are you gearing up for the SSC CHSL exam and finding the Maths syllabus a bit challenging? You're not alone in this journey! Whether you love working with numbers or find Maths a bit daunting, this blog is designed to help you navigate the key topics and offer practical tips to master the SSC CHSL Math Syllabus. We'll simplify the syllabus into manageable sections, provide effective strategies, and suggest important books to boost your mathematical skills. Ready to tackle the SSC CHSL Math Syllabus with confidence? Let's dive in and conquer it together.

Additionally, the information in this blog is based on the official

[SSC CHSL notification 2024](#)

, released by the Staff Selection Commission on April 8, 2024.

SSC CHSL Math Syllabus - Tier 1 Topics

Tier 1 of SSC CHSL covers four subjects: General Intelligence, General Awareness, Quantitative Aptitude, and English Language. The Quantitative Aptitude (Math) section consists of 25 questions worth 50 marks, making it a key area to focus on. To support your preparation, we have outlined all the important topics included in the Quantitative Aptitude (Maths) section of SSC CHSL Tier 1 below:

Here are the important topics of Quantitative Aptitude for the SSC CHSL exam:

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- Whole Numbers
- Decimals
- Fractions and Relationships between Numbers
- **Percentage**
- Ratio & Proportion
- Square Roots
- **Averages**
- **Interest**
(Simple and Compound)
- Profit and Loss
- **Discount**
- Partnership Business
- **Mixture and Alligation**
- Time and Distance
- **Time & Work**
- Basic Algebraic Identities of School Algebra
- Elementary Surds
- Graphs of Linear Equations
- 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
- 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**
- Trigonometric Ratios
- Degree and Radian Measures
- Standard Identities
- Complementary Angles
- Heights and Distances
- ...

SSC CHSL Math Syllabus - Tier 2 Topics

SSC CHSL Tier 2 comprises three papers. Moreover, Module I of Section I of Paper I focuses on Mathematical Abilities, which includes 30 questions worth 3 marks each. Below, we have detailed all the topics included in the Tier 2 SSC CHSL Math Syllabus.

- **Number Systems:** Whole numbers, decimals, fractions, and relationships between numbers.
- **Fundamental Arithmetical Operations:** Percentages, ratio and proportion, square roots, averages, interest (simple and compound), profit and loss, discount, partnership business, mixture and allegation, time and distance, time and work.
- **Algebra:** Basic algebraic identities, elementary surds, and graphs of linear equations.
- **Geometry:** 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 $\sin^2\theta + \cos^2\theta = 1$, 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.

SSC CHSL Math Syllabus - Exam Pattern

Now that you are aware of the SSC CHSL Math syllabus, familiarize yourself with the exam pattern. Understanding the pattern will help you manage your time efficiently during the exam, ensuring you can complete all sections within the allotted time. Moreover, knowing what to expect on the exam day can reduce your stress and anxiety, allowing you to approach the exam with confidence.

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SSC CHSL Exam Pattern

Lets begin to prepare for the exams in the given chronology!

	English Language	+	General Intelligence	Maximum Marks	Time Duration
Tier 1 - CBE	Quantitative Aptitude		General Awareness	200	60 minutes
Tier 2 - CBE and Skill Test	Session 1 - Computer Based Exam			405 (Session 1)	2 hours 15 minutes (Session 1) + 40 minutes (Session 2)
	Session 2 - Skill Test				

[Source: KD Live]

The SSC CHSL Tier 1 exam includes 100 questions, testing your knowledge across four subjects. Each subject carries 25 questions for a total of 200 marks, and you'll have 60 minutes to complete the Tier 1 exam. Moreover, the Tier 1 Examination will consist of Objective Type, Multiple Choice questions only. The questions will be set in English, Hindi, and any language chosen by you in the application form, except for the English Language section.

Moving on to the SSC CHSL Tier 2 exam, conducted in two sessions on the same day, tests you across three sections. Each section is crucial to qualify, with questions offered in English and Hindi (except for English Language). Additionally, Tier 2 will be conducted in two sessions - Session I and Session II, on the same day. In Session I, you will complete Section I, Section II, and Module I of Section III. Session II will cover Module II of Section III. There will be a negative marking of 1 mark for each wrong answer in Section I, Section II, and Module I of Section III. Therefore, you are advised to keep this in mind while answering the questions.

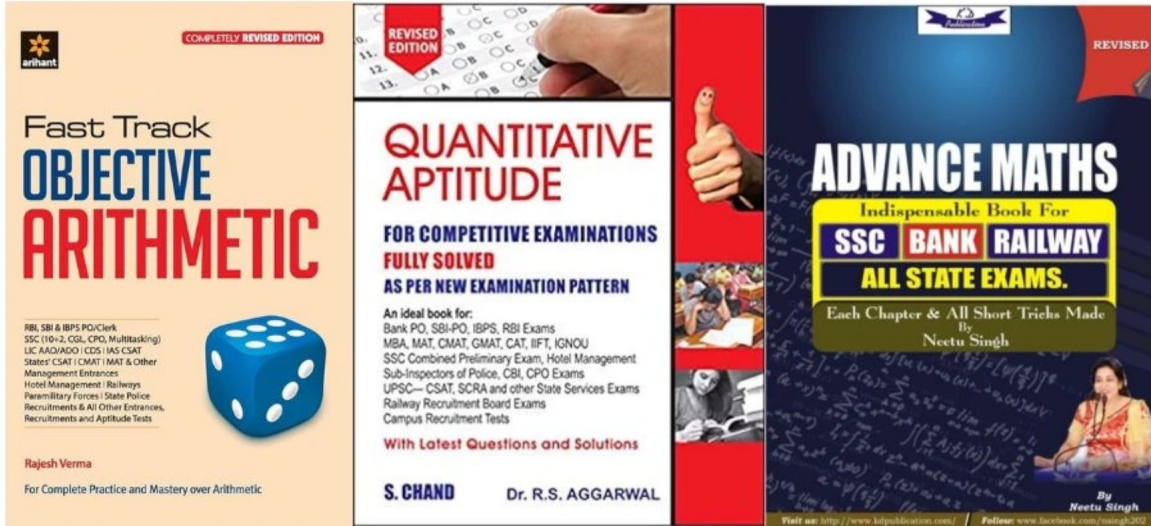
For more information, read our blog on the

[SSC CHSL Exam Pattern](#)

SSC CHSL Math Syllabus - Best Books to Refer

Finding the right books among thousands of options can be a daunting task. But worry not, we will provide you with a list of the best books to help you prepare for your SSC CHSL Math syllabus.

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[Source: KD Live]

- **Advance Maths by Neetu Singh:** KD Publication's "**ADVANCE MATHS**" simplifies the SSC CHSL Maths section, helping applicants prepare effectively for the exam.
- **Fast Track Objective Arithmetic by Rajesh Verma:** This book "**Fast Track Objective Arithmetic** by Rajesh Verma" offers a comprehensive understanding of mathematical principles, aiding in thorough preparation.
- **Quantitative Aptitude for Competitive Examinations by RS Aggarwal:** With 5500 questions and solutions, "**Quantitative Aptitude for Competitive Examinations**" by RS Aggarwal is an invaluable resource for you.

SSC CHSL Math Syllabus - Useful Tips

- **Understand the Syllabus:** Start by thoroughly understanding the SSC CHSL Math syllabus. This will help you know what topics to focus on.
- **Choose the Right Study Material:** Use recommended books like "ADVANCE MATHS" by Neetu Singh, "Fast Track Objective Arithmetic" by Rajesh Verma, and "Quantitative Aptitude for Competitive Examinations" by RS Aggarwal.
- **Make a Study Plan:** Create a detailed study plan that allocates time for each topic. Stick to the plan to ensure you cover the entire syllabus.
- **Take Mock Tests:** Regularly take mock tests to simulate the exam environment. This will help you manage time effectively and get accustomed to the pressure of the actual exam.
- **Learn from mistakes:** Analyze errors in practice tests to identify weaknesses and prevent them from recurring in the actual exam.
- **Learn Shortcuts and Tricks:** Learn and practice shortcuts and tricks for solving problems quickly. This can save

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Mastering the SSC CHSL Math syllabus requires dedication, practice, and the right strategy. By understanding the syllabus, using recommended study materials, and following a well-structured study plan, you can enhance your preparation and boost your confidence. Regular practice, taking mock tests, and focusing on your weak areas will significantly improve your performance. Remember to stay positive and consistent in your efforts. With determination and the right approach, you can achieve success in the SSC CHSL Math section and move closer to your career goals. Best of luck with your preparation!



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