

SSC CGL Important Topics in Quantitative Aptitude - Importance and Weightage

Preparing for the SSC CGL exam demands a meticulous understanding of the Quantitative Aptitude section. With numerous topics to cover, focusing on the SSC CGL Important Topics in Quantitative Aptitude can make all the difference. Join us as we explore the SSC CGL Important Topics in Quantitative Aptitude that are vital for success in the SSC CGL examination.

# Syllabus of Quantitative Aptitude for SSC CGL - Exam Pattern Overview

Before getting into SSC CGL Important Topics in Quantitative Aptitude, understanding the SSC CGL Exam Pattern 2024 is crucial for you as a candidate aiming to excel in the examination.

- This pattern provides insights into the distribution of questions, marks, and duration for each section.
- In Tier I, comprising General Intelligence and Reasoning, General Awareness, Quantitative Aptitude, and English Comprehension, each section carries equal weightage of 25 questions and 50 marks.
- With 100 multiple-choice questions to tackle in the given time frame, you must strategize effectively to maximize your performance.



## SSC CGL Exam Pattern

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

		Maximum Marks	Time Duration
Tier 1	English Comprehension + General Intelligence & Reasoning	200	1 hour
	Quantitative Aptitude + General Awareness		
+	Paper 1 - Session 1 and 2	450 ( Paper 1)	2 hours 30 minutes ( Paper 1)
	+ Paper 2 - Statistics	+ 200 ( Paper 2)	+ 2 hours ( Paper 2)
	+ Paper 3 - General Studies	+ 200 ( Paper 3)	+ 2 hours ( Paper 3)

[Source: KD Live]

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- Coming down to Tier 2, it is further bifurcated in three papers such as:
  - Paper 1 takes place in two sessions i.e., Session 1 and Session 2 amounting to a total marks of 450. Moreover, you will be given 2.5 hours for this paper.
  - Paper 2 is for candidates who apply for the posts of Junior Statistical Officer (JSO) in the Ministry of Statistics and Programme Implementation and Paper 3 is for candidates who apply for the posts of Assistant Audit Officer/ Assistant Accounts Officer.
  - Both Paper 2 and Paper 3 are of 200 marks each, and you will be given 2 hours each for these papers.

Additionally, being aware of the marking scheme is imperative for you to minimize errors and optimize scoring opportunities.

- In **Tier I** of the exam, there are in total 100 questions that mark up to 200 marks. Thus, providing 2 marks for each question.
- Further, there will be a penalty of **0.50 marks** for each incorrect answer.
- In **Tier II** of the exam, there will be a deduction of **1 mark** for each incorrect answer in Section-I, Section-II, and Module-I of Section-III of Paper-I.
- Moreover, for Paper II and Paper III, there will be a penalty of **0.50 marks** for every wrong answer.

Now lets dive into subject wise topics of SSC CGL Important Topics in Quantitative Aptitude

## SSC CGL Important Topics in Quantitative Aptitude - Subject Wise Topics

The Quantitative Aptitude syllabus for SSC CGL includes a diverse range of topics essential for mastering mathematical concepts and problem-solving skills. Here's a breakdown of the syllabus:

## SSC CGL Important Topics in Quantitative Aptitude - Importance and Weightage

SSC CGL Important Topics in Quantitative Aptitude	Sub Topics
Simplification/Approximation	Approximate value
	BODMAS
	Percentage
	Fractions
	Exponent
Average	Weighted Average
	Replacement of person
	Average based on number system
Percentage	Simultaneous Percentage change
	Effect of one percentage change on other
	Based on percentage values of fractions
	Word problems
Profit & Loss	Profit/loss
	Discount based
	Dishonest shopkeeper
	Successive Discount
Time & Work	Pipes and Cisterns
	Men, Women, Children
	Work and wages
Speed, Time and Distance	Speed , Distance, Time
	Boats
	Relative Speed
	Races
	Train
Interest	Simple Interest
	Compound Interest
	Combination of both SI and CI
Ratio & Proportion	Installments
	Ratio+ Algebra
	Mixing
	Successive Replacement
	Word Problems
	Proportions
	Age based
	Partnership
Geometry	Triangles
	Circles
	Squares and Rectangles

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## SSC CGL Important Topics in Quantitative Aptitude - Importance and Weightage

Understanding and practicing these topics thoroughly will enable you to approach the Quantitative Aptitude section of the SSC CGL exam with confidence and competence. Stay tuned to **KD Live** for more information on the **syllabus** and **exam pattern**. Now that you are well acquainted with the SSC CGL important topics in Quantitative Aptitude, how about we brief you on its topic wise weightage in Tier 1.

## SSC CGL Important Topics in Quantitative Aptitude - Topic Wise Weightages

Now that we've explored the SSC CGL important topics in Quantitative Aptitude for SSC CGL, it's essential to understand the topic-wise weightage to prepare effectively.

Topics	Weightage
Simplification/Approximation	1
Average	1
Percentage	1
Profit & Loss	2-3
Time & Work	1-2
Speed, Time and Distance	1-2
Interest	1
Ratio and Proportion	1
Geometry	2-4
Trigonometry	3
Mensuration	1-3
Algebra	2-3
Mixture & Alligations	1

Data Interpretation stands out as a critical topic, consistently appearing with an average of 6 questions in recent years.

## SSC CGL Important Topics in Quantitative Aptitude - Priority Wise Topics

Now let's understand the SSC CGL Important Topics in Quantitative Aptitude and let's break down each SSC CGL Important Topics in Quantitative Aptitude under its respective category:

## SSC CGL Important Topics in Quantitative Aptitude - Importance and Weightage

Concepts	Priority Wise Topics
Geometry	<ul style="list-style-type: none"><li>• Circles</li><li>• Triangles</li><li>• Polygons</li><li>• Lines and angles</li></ul>
Algebra	<ul style="list-style-type: none"><li>• Quadratic Equation</li><li>• Identities</li><li>• Equation Based</li></ul>
Profit and Loss	<ul style="list-style-type: none"><li>• Profit and Loss</li><li>• Successive Discount</li></ul>
Trigonometry	<ul style="list-style-type: none"><li>• Value Based</li><li>• Simplification</li></ul>
Mensuration	<ul style="list-style-type: none"><li>• Cylinders, Cones, Frustum</li><li>• Area (2d)</li><li>• Forming one shape from other/Combination of figures</li></ul>
Time, Speed, and Distance	<ul style="list-style-type: none"><li>• Time Speed Distance MCQs</li><li>• Speed and Distance - Advance Level</li></ul>

These SSC CGL Important Topics in Quantitative Aptitude cover the essential concepts that are frequently tested in the SSC CGL exam. Mastering these SSC CGL Important Topics in Quantitative Aptitude will significantly enhance your ability to solve quantitative aptitude questions effectively.

## SSC CGL Important Topics in Quantitative Aptitude - Preparation Strategy

Preparing for SSC CGL Quantitative Aptitude requires a strategic approach focused on understanding of the SSC CGL Important topics in Quantitative Aptitude, their concepts rather than rote memorization. Here are some simple strategies to aid your preparation:



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## SSC CGL Important Topics in Quantitative Aptitude - Importance and Weightage

- **Conceptual Understanding:** Instead of memorizing formulas, focus on understanding the underlying concepts behind each topic.
- **Regular Practice:** Dedicate time to regular practice sessions to reinforce your understanding of various quantitative aptitude topics.
- **Learn Problem-Solving Techniques:** Familiarize yourself with various problem-solving techniques such as shortcut methods, approximation, and elimination strategies.
- **Utilize Resources:** Make use of quality study materials, online resources, and mock tests to supplement your preparation.
- **Time Management:** Practice time management techniques to ensure efficient utilization of the allotted time during the exam.

In conclusion, mastering the SSC CGL Important Topics in Quantitative Aptitude lays the foundation for success in the SSC CGL examination. Keep an eye on the [official website](#) for all the [latest notifications](#) and updates. Remember, consistent practice and a thorough understanding of these topics are the keys to unlocking success in the SSC CGL Quantitative Aptitude section.

