

SSC CGL Science Syllabus - Topics & Weightage

The SSC CGL exam throws a bunch of subjects your way, and science is one of them. Now, I know what you might be thinking: "Ugh, science? Do I need to dust off those old textbooks?" But hold on! The science section in SSC CGL is more about general understanding than complex formulas. In this blog, we'll break down the SSC CGL Science Syllabus into bite-sized pieces, focusing on the important topics asked in the exam.

We'll cover physics, chemistry, and biology, making sure you have a clear picture of what to study. So, ditch the fear of complex science and get ready to conquer this section with confidence. Let's unlock those doors to a rocking government job together and start with the blog [SSC CGL Science Syllabus](#).

SSC CGL Science Syllabus: Overview

The SSC CGL exam opens doors to exciting government careers, and a well-rounded understanding of science is your key to unlocking those doors! This guide delves into the nitty-gritty of the SSC CGL Science Syllabus, providing a clear overview of the scientific concepts you'll need to master.

We'll break down the SSC CGL Science syllabus into manageable sections, covering physics, chemistry, and biology, ensuring you approach your studies with focus and confidence. Prepare to embark on the preparation journey designed to propel you towards SSC CGL success!

Weightage of SSC CGL Science Syllabus

The [Staff Selection Commission](#) (SSC) doesn't explicitly disclose the weightage for Science within the SSC CGL Tier-I exam. Here's what we have analyzed the weightage of the SSC CGL Science Syllabus:

- Science questions generally contribute a minimal portion (around 5-10%) to the overall Tier-I score.
- The emphasis is more on general scientific knowledge and its application rather than in-depth scientific understanding.
- The weightage for Physics, Chemistry, and Biology isn't officially mentioned, and it's likely to be balanced.

While the weightage is low, don't completely neglect Science. Here's why:

- **Basic understanding is beneficial:** Having a basic grasp of scientific concepts can help you answer other reasoning-based questions in the exam.
- **Surprise questions are possible:** Though rare, a few questions from Science might appear, and being prepared can give you an edge.
- **Focus topics:** Important scientific discoveries and inventions, Everyday scientific phenomena, and basic scientific concepts across Physics, Chemistry, and Biology.

According to past year question papers, Science comprises 4 to 5 questions. However, the specific allocation of these questions across different topics and sub-topics cannot be ascertained. Hence, by strategically approaching this subject with above given points, you can ensure massive increase in your selection chances.



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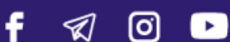
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SSC CGL Science Syllabus: Important Topics

The SSC CGL exam might seem daunting and difficult. But you don't need to worry about that! While the weightage might be modest, understanding the "important topics" within the SSC CGL Science Syllabus can give you a strategic advantage. This blog SSC CGL Science Syllabus unveils the key concepts from Physics, Chemistry, and Biology that are frequently asked in the exam. Focus your energy on these important topics. You'll not only gain a solid scientific foundation but also gain valuable points that could push you toward SSC CGL success! So, without any further ado, let's take a look at all the topics and sub-topics that comprise the SSC CGL Science Syllabus:



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SSC CGL Science Syllabus - Topics & Weightage

Science Topics	Science Sub topics
Physics	SI Units and Measurements
	Magnetism/Electricity
	Forces/gravity
	Motion
	Work, Power, Energy/Temperature
	Optics
	Laws and Principles
	Miscellaneous definitions
Chemistry	Atomic Structure
	Radioactivity
	Chemical Bonding
	Facts about elements
	Acid,Base and Salts
	Miscellaneous
	Theories
Biology	Human Body
	Plant
	Animal
	Diseases
	Nutrition
	Cell
	Miscellaneous
Science and Technology	Astronomy and Space Technology
	Computers and Mobile Technology
	Inventions and Discoveries
	Miscellaneous
	Nuclear and Bio Technology

Now that you have thoroughly understood the weightage and important topics in the SSC CGL Science Syllabus, we will discuss the exam pattern for the SSC CGL Exam.

SSC CGL Science Syllabus: Exam Pattern

SSC CGL Science Syllabus - Topics & Weightage

Before we begin our preparation journey, it's crucial to understand why the Exam Pattern is essential. First and foremost, it helps in strategizing your approach to answering questions effectively. Secondly, it boosts confidence when addressing the questions. Lastly, it aids in the development of time management skills and enhances problem-solving abilities. Now that we understand its importance, we have provided an image detailing the Exam Pattern for the SSC CGL Tier 1 examination for you to analyze.

Tier	Subject	Number of Questions	Maximum Marks	Time allowed
I	A. General Intelligence and Reasoning	25	50	1 hour (1 hour and 20 minutes for the candidates eligible for scribe as per Para-7.1, 7.2 and 7.3)
	B. General Awareness	25	50	
	C. Quantitative Aptitude	25	50	
	D. English Comprehension	25	50	

[Source: ssc.nic.in]

Furthermore, after understanding the Exam Pattern for Tier 1, it is crucial to analyze and understand the Exam Pattern for SSC CGL Tier 2.

SSC CGL Science Syllabus - Topics & Weightage

Tier	Paper	Session	Subject	Number of Questions	Maximum Marks	Time allowed
II	Paper-I:	Session-I (2 hours and 15 minutes)	Section-I:			
			Module-I: Mathematical Abilities	30	60*3 = 180	1 hour (For each section)
		Module-II: Reasoning and General Intelligence.	30			
		Total = 60			(1 hours and 20 minutes for the candidates eligible for scribe as per Para-7.1, 7.2 and 7.3)	
		Session-II (15 minutes)	Section-II:			
	Module-I: English Language and Comprehension		45	70*3 = 210		
			Module-II: General Awareness	25		
			Total = 70			
			Section-III:			
			Module-I: Computer Knowledge Module	20	20*3 = 60	15 Minutes (For each module)
			Section-III:			
			Module-II: Data Entry Speed Test Module	One Data Entry Task	-	(20 minutes for the candidates eligible for scribe as per Para-7.1, 7.2 and 7.3)
	Paper-II		Statistics	100	100*2 = 200	2 hours (For each Paper)
	Paper-III		General Studies (Finance and Economics)	100	100*2 = 200	(2 hours and 40 minutes for the candidates eligible for scribe as per Para-7.1, 7.2 and 7.3)

[Source: ssc.nic.in]

If you wish to explore more details about the exam pattern, feel free to read our blog on [SSC CGL Exam Pattern](#) by clicking on the provided link.

How to Prepare Science for SSC CGL Exam



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SSC CGL Science Syllabus - Topics & Weightage

The coveted SSC CGL exam might seem like a fortress guarded by multiple subjects, but fear not, science warriors! While the science section carries a lower weightage, strategic preparation of key concepts can be your secret weapon. This guide equips you with 10 powerful tips to dominate the SSC CGL Science Syllabus and propel yourself toward that dream government job:

- **Master the Basics:** Build a solid foundation with NCERT science textbooks (Class 6-10) for core concepts in Physics, Chemistry, and Biology.
- **Focus on Everyday Science:** Understand common scientific phenomena you encounter daily - like pressure cookers or electricity.
- **Learn Important Discoveries:** Familiarize yourself with groundbreaking scientific inventions and discoveries that have shaped our world.
- **Embrace Simplification:** Don't get bogged down by complex formulas; focus on understanding the core principles.
- **Mnemonics & Diagrams:** Use memory aids and diagrams to grasp and retain scientific concepts effectively.
- **Practice Makes Perfect:** Solve previous years' question papers and mock tests to identify your strengths and weaknesses.
- **Current Affairs are Key:** Stay updated on recent scientific advancements and their impact on the Indian context.
- **Befriend Online Resources:** Utilize online resources like video lectures and quizzes to make learning engaging.
- **Group Discussions are Powerful:** Discuss concepts with fellow aspirants to solidify your understanding.
- **Smart Revision is Key:** Create clear, concise notes for quick revision before the exam.

By following these tried-and-tested preparation tips, you'll transform science from a foe to a valuable ally on your path to SSC CGL success.

Congratulations! You've successfully navigated the landscape of the SSC CGL Science Syllabus. While the weightage might be modest, a strategic approach focusing on the key concepts can give you a significant edge. Moreover, you can check out all the updates regarding the examinations on the [latest official SSC website](#). So, equipped with this newfound knowledge and these [powerful tips](#), confidently approach the SSC CGL exam, knowing you've conquered the science section!