

Science and Technology for SSC CGL - Topics and Subtopics

Welcome to our blog dedicated to "Science and Technology for SSC CGL"! In this blog, we will delve into the fascinating world where science meets technology, providing you with insights and explanations tailored to your SSC CGL exam preparation. Explore the latest developments, fundamental concepts, and key topics in science and technology that are crucial for your SSC CGL success. Join us as we unravel the complexities and highlight the significance of science and technology for SSC CGL within the General Awareness section.

Science and Technology for SSC CGL - Overview

The Science and Technology within the General Awareness section in the **SSC**

CGL exam evaluates your understanding of scientific principles and technological advancements. It covers various topics like physics, chemistry, biology, and recent developments in technology. To excel in this section, you need a solid grasp of fundamental concepts and their real-world applications. You should stay updated with the latest developments in science and technology, which can be achieved through regular reading of NCERT books, science magazines, and reputable websites. Solving previous year's question papers and taking mock tests can also help you gauge your readiness for the exam and improve your problem-solving skills.

SSC CGL Science and Technology Syllabus

Physics	Chemistry	Biology	Science and Technology
<ul style="list-style-type: none"> • SI Units and Measurements • Magnetism/Electricity • Forces/gravity • Motion • Work, Power, Energy/Temperature • Optics • Laws and Principles • Miscellaneous • Definitions 	<ul style="list-style-type: none"> • Atomic Structure • Radioactivity • Chemical Bonding • Facts about elements • Acid, Base and Salts • Miscellaneous • Theories 	<ul style="list-style-type: none"> • Human Body • Plant • Animal • Diseases • Nutrition • Cell • Miscellaneous 	<ul style="list-style-type: none"> • Astronomy and Space Technology • Computers and Mobile Technology • Inventions and Discoveries • Miscellaneous • Nuclear and Bio-Technology

[Source: KD Live]

In summary, success in the Science and Technology within the General Awareness section of the SSC CGL exam requires you to build a strong foundation in basic scientific concepts, stay updated with recent developments, and practice regularly to improve your problem-solving abilities. With dedication and a strategic approach to studying, you can confidently tackle this section and improve your overall exam performance.

Science and Technology for SSC CGL - Syllabus

The Science and Technology syllabus for the SSC CGL exam covers a wide range of topics from various branches of science. The key topics include:

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



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Science and Technology

- Astronomy and Space Technology
- Computers and Mobile Technology
- Inventions and Discoveries
- Miscellaneous
- Nuclear and Bio-Technology

You should focus on understanding the fundamental concepts of these topics and their practical applications. Moreover, you should also stay updated with the latest developments in science and technology, especially in areas that are relevant to the SSC CGL exam.

Science and Technology for SSC CGL - Weightage

The Science and Technology for SSC CGL typically carry 2-5 questions in the exam. While the exact weightage may vary from year to year, it is generally considered a significant portion of the General Awareness section.

- **Overall weightage:** The General Awareness section typically holds around 25% weightage in Tier I. The General Awareness section further includes Economics, History, Polity, Science and Technology, and various other topics. Notably, the Science and Technology category in SSC CGL exams generally features 2-5 questions.
- **Focus topics:** Based on past exams the following Science and Technology topics carry greater weight in the SSC CGL exam:
 - SI Units and Measurements
 - Facts about elements
 - Inventions and Discoveries
 - Miscellaneous

It's important to note that these are rough estimates, and the actual weightage may vary. You should focus on all topics equally to ensure comprehensive preparation for the exam.

Science and Technology for SSC CGL - Study Material

In this segment of the blog, we will provide you with a list of comprehensive resources tailored to help you ace the SSC CGL examination. This list of study materials is meticulously curated to cover all crucial topics in science and technology, ensuring thorough preparation and conceptual clarity. Whether it's understanding the fundamentals of physics, delving into the intricacies of biology, or exploring the latest advancements in technology, these resources offer a structured approach to mastering the syllabus.

Science and Technology for SSC CGL - Topics and Subtopics

Newspapers:

- The Hindu
- The Indian Express

Magazines:

- Science Reporter
- Pratiyogita Darpan

Books:

- NCERT textbooks (Classes 6-12)
- Lucent's General Science
- General Knowledge by Arihant Publications

Online Resources:

- Science Daily
- NASA website
- National Geographic website

Mock Tests:

- [SSC CGL previous year's question papers](#)
- [KD Live General Science section](#)

Science and Technology for SSC CGL - Preparation Tips

Preparing for the Science and Technology for SSC CGL exam requires a strategic approach. Here are some tips to help you prepare effectively:

- **Understand the Syllabus:** Familiarize yourself with the SSC CGL syllabus for Science and Technology to know what topics to focus on.
- **Focus on Basics:** Build a strong foundation in basic scientific concepts in physics, chemistry, biology, and environmental science.
- **Stay Updated:** Keep yourself updated with the latest developments in science and technology by reading newspapers, magazines, and reliable online sources.
- **Use NCERT Books:** Refer to NCERT textbooks from Classes 6 to 12 for clarity on basic concepts and for an in-depth understanding of various topics.
- **Practice Regularly:** Solve previous year's question papers and take mock tests to improve your problem-solving skills and understand the exam pattern.
- **Revise Regularly:** Regular revision of important topics is crucial to retain information and perform well in the exam.
- **Use Online Resources:** Utilize online resources such as educational websites,

[YouTube](#)
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By following these tips, you can effectively prepare for the Science and Technology for SSC CGL exam and improve your chances of success. Moreover, keep visiting

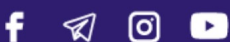
[our website](#)

to remain informed about SSC CGL exam-related updates.

As we conclude our journey through "Science and Technology for SSC CGL," we hope that our blog will serve as a valuable companion in your preparation endeavours. Navigating the intricate web of scientific concepts and technological advancements can be challenging, but with diligence and the right resources at hand, success is within reach. Remember, understanding the fundamental principles and staying updated with the latest developments in science and technology is key to excelling in the SSC CGL examination. Keep exploring, keep learning, and let your curiosity be your guiding light. Wishing you all the best in your academic pursuits and future endeavours. Stay curious, stay inspired, and forge ahead with confidence!



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