

# Defence Research and Development Organization (DRDO)



## DRDO CEPTAM Technician A Exam Pattern

Exam Type	Name of the Subject	Number Of Marks
Objective Type Exam	<b>Section A:</b> <ul style="list-style-type: none"><li>• Quantitative ability/aptitude,</li><li>• General Intelligence &amp; Reasoning</li><li>• General awareness</li><li>• English language</li><li>• General Science</li></ul>	<b>100 Marks</b>
	<b>Section-B:</b> <ul style="list-style-type: none"><li>• Specific to trade/discipline of post-Code</li></ul>	
<b>Time Duration: 120 Minutes</b>		

## DRDO CEPTAM Technician A Syllabus

### Quantitative Aptitude

- Simple & Compound Interest
- Number System
- HCF
- LCM
- Simplification
- Ratio and Proportion

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- Unitary Method
- Decimal Fraction
- Time and Work
- Profit and loss
- Average
- Percentage
- Time and Distance
- Mensuration
- Algebra etc.

## General Intelligence & Reasoning

- Syllogism
- Mathematical Operation
- Arithmetical Reasoning
- Clock and Calendar
- Time Sequence, Number and Ranking Test
- Number Puzzle
- Logical Sequence of Words
- Venn Diagrams
- Blood Relation
- Analogy
- Statement and Reasoning
- Completion of Figure
- Visual Reasoning
- Cube and Dice
- Paper Cutting and Folding
- Matrix Reasoning
- Classification
- Coding and Decoding
- Series
- Direction and Distance

## English

- Phrase Replacement

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- Sentence Improvement
- Fill in the Blanks
- Wrong Spelt
- One Word Substitution
- Error Spotting
- Oxymoron
- Active Voice and Passive Voice
- Onomatopoeia
- Anaphora
- British English – American English
- Direct and Indirect Speech
- Ellipsis
- Repetition
- Apostrophe
- Alliteration
- Allusion
- Jumbled Sentence
- Simile
- Reading Comprehension
- Metaphor
- Personification
- Cloze Test

## **General Knowledge**

- Important Days
- Indian History
- Books and Authors
- International and National Organizations
- Science and Technology
- Sports
- Abbreviations
- General Policy
- Countries and Capitals
- Science – Inventions & Discoveries

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- <https://www.freshersnow.com/syllabus/>
- Awards and Honors
- Capitals of India
- Indian Economy
- Budget and Five Year Plans
- Current Affairs – National and International
- Indian National Movement

## **General Science**

- Natural Products and Drugs
- Nuclear Chemistry
- Chemical Kinetics and Thermodynamics
- Organic reaction mechanism and Stereochemistry
- Organometallic compounds, Bioinorganic chemistry, and Polymers
- Electrochemistry
- Analytical Chemistry and Instrumental methods