

# CDS Syllabus

## CDS Syllabus for General Knowledge

Topic	Description
Current Affairs	Cover news of important international and national summits/ conferences, awards, sports-related news, books, and authors, etc.
Political Science	Important facts of the Indian constitution, fundamental rights, and directive principles, powers of the president and prime minister, constitutional bodies, Indian judiciary, etc.
Indian History	Questions may be asked from Ancient, Medieval and Modern India.
Indian Polity	Prepare important facts of Indian as well as world geography.
Economics	Prepare topics like Budget, Five-year plan, foreign trade, etc.
General Science	In Physics, focus on topics like optics, motion, force, units, heat, electricity, temperature, etc. In Chemistry, prepare important topics of organic, inorganic, physical and general chemistry. In Biology, focus on the topics of important diseases, botany, zoology as well as human biology.
Defence Related News	Questions in this section may be asked about important defence related topics like Army Day, Navy Day, recent developments, etc.

## CDS Syllabus for English

- Fill in the blanks
- Reading Comprehension
- Vocabulary (Synonyms/ Antonyms/ Phrases)
- Sentence Rearrangement (Jumbled sentences)
- Spotting Error



- Sentence Improvement/ Correction

**CDS Syllabus for Elementary Mathematics**

Topic	Description
Arithmetic	Number System (natural, integers, rational & real numbers) Fundamental operations (subtraction, addition, division, multiplication) Unitary method Percentages Time & Work Simple & Compound Interest Time & distance Ratio & proportion Profit & loss Elementary number theory Composite & prime numbers Divisibility tests Theorem of factorisation Factors & Multiples Euclidean algorithm laws of algorithm & algorithmic tables
Algebra	Basic operations Remainder theorem



	<p>L.C.M. &amp; H.C.F.</p> <p>Polynomial theories</p> <p>Quadratic equations (relation between roots &amp; its coefficients)</p> <p>Linear equations in 2 variables</p> <p>Set language and set notation</p> <p>Laws of indices</p> <p>Conditional identities</p> <p>Rational Expressions</p>
Trigonometry	<p>All about Sine a, Cos a, Tan a when <math>0^\circ &lt; a &lt; 90^\circ</math>, Sin, Cos and Tan values of important angles like <math>0^\circ</math>, <math>30^\circ</math>, <math>45^\circ</math>, <math>60^\circ</math> and <math>90^\circ</math></p> <p>Simple trigonometric identities</p> <p>Trigonometric tables</p> <p>Heights and distance</p>
Geometry	<p>Plane &amp; plane figures</p> <p>Lines, and angles</p> <p>Important theorems (like angle property based)</p> <p>Parallel lines</p> <p>Congruency of triangles</p> <p>Medians &amp; Altitudes</p> <p>Similar triangles</p> <p>Parallelogram</p>



	<p>Circles</p> <p>Rectangle</p> <p>Square</p>
Mensuration	<p>Areas of circles</p> <p>Triangles</p> <p>Rectangles</p> <p>Squares</p> <p>Parallelograms</p> <p>Volume</p> <p>Surface area of cuboids</p> <p>Cones</p> <p>Cylinders</p> <p>Spheres</p>
Statistics	<p>Tabulation of statistical data</p> <p>Graphical representation of frequency polygons</p> <p>Bar graphs</p> <p>Histograms</p> <p>Pie charts</p> <p>Measures of central tendency</p>

