

CDS SYLLABUS

CDS syllabus comprises topics and sub-topics from English, General Knowledge and Elementary Mathematics. The exam for IMA, INA, AFA comprises three papers and total marks of the test are 300. The exam for OTA comprise two papers and total marks of the test are 200. The duration of each paper will be for 2 hours.

Candidates preparing for CDS exam can check the syllabus below:

CDS Syllabus for General Knowledge

To do well in this section, candidates must keep themselves updated with the recent events. They need to thorough with the History of India and Geography, Politics, Environment, etc. Check below CDS syllabus for General Knowledge.

Economics	Physics	Current Awareness
Politics	Chemistry	Sociology
History	Defence	Award
Geography	Environment	Sport
Biology	Cultural	Book
Statement true/false	--	--

CDS Syllabus for Elementary Mathematics

This section assess a candidate's calculative skills. The standard of questions in this section will be class 10 level. CDS syllabus for Elementary Mathematics is given below:

Subjects	Topics
Number System	Natural numbers, Integers, Rational and Real numbers. Fundamental operations, addition, subtraction, multiplication, division, Square roots, Decimal fractions. Unitary method,

	time and distance, time and work, percentages, applications to simple and compound interest, profit and loss, ratio and proportion, variation
Elementary Number Theory	Division algorithm. Prime and composite numbers. Tests of divisibility by 2, 3, 4, 5, 9 and 11. Multiples and factors. Factorisation Theorem. H.C.F. and L.C.M. Euclidean algorithm. Logarithms to base 10, laws of logarithms, use of logarithmic tables
Algebra	Basic Operations, Simple Factors, Remainder Theorem, HCF & LCM, Theory of Polynomials, Simultaneous linear equations in two unknown-analytical and graphical solutions, Rational Expressions and Conditional Identities, Law of Indices
Trigonometry	Sine \times , cosine \times , Tangent \times when 0° , Simple trigonometric identities, Use of trigonometric tables, Simple cases of heights and distances
Geometry	Lines and Angles, Plane and plane figures, Theorems on Properties of angles at a point, Parallel lines, Sides and angles of a triangle, Congruency of triangles, Similar triangles, Concurrence of medians and altitudes, Properties of angles, sides and diagonals of a parallelogram, rectangle and square, Circles and its properties including tangents and normal and Loci.
Mensuration	Areas of squares, Rectangles, Parallelograms, Triangle and Circle, Areas of figures which can be split up into these figures (Field Book), Surface area and volume of cuboids, Lateral Surface, Volume of Right Circular

	Cones, cylinders and Surface, Area and volume of spheres.
Statistics	Collection and Tabulation of Statistical Data, Graphical Representation Frequency Polygons, Histograms, Bar charts and Measures of Central Tendency.

CDS Syllabus for English Language

This section assess a candidate's understanding of English Grammar and Vocabulary. CDS syllabus for English Language comprises the following topics:

Antonyms	Sentence improvement	Comprehension
Synonyms	Word substitution	Ordering of sentences
Spotting Errors	Selecting Words	Ordering of words in a sentence

Also check details of [CDS exam pattern](#) and download previous years' [CDS question papers](#).