CDS Syllabus 2024- Overview	
Exam Conducting Body	Union Public Service Commission (UPSC)
Exam Name	Combined Defence Services (CDS)
Mode of exam	Offline
Number of sections	Indian Military Academy (IMA), Indian Naval Academy (INA) and Air Force Academy (AFA) – **Three** Officers' Training Academy (OTA) – **Two**
Total marks of the test	IMA, INA and AFA – **300** OTA - **200**
Nature of questions	Objective type
CDS 1 2024 Exam Date	21st April 2024
Language of question paper	Hindi and English
Duration of the test	**2 hours for each section of test**

CDS Exam Pattern for IMA, INA, AFA

Subject	Duration	Maximum marks
English	**2 hours**	**100**
General Knowledge	**2 hours**	**100**
Elementary Mathematics	**2 hours**	**100**

CDS Exam Pattern for OTA

Subject	Duration	Maximum marks
English	**2 hours**	**100**
General Knowledge	**2 hours**	**100**

CDS Syllabus 2024- Subject-Wise Syllabus

Candidates can check the UPSC CDS Syllabus in the table given below

Sections	Topics
English	• * Spotting Errors Questions • * Sentence Arrangement Questions • * Synonyms & Antonyms • * Selecting Words • * Ordering of Sentence • * Comprehension Questions • * Ordering of words in a sentence • * Fill in the blanks questions • * Idioms and Phrases
General Awareness (GK)	• * Economics • * Physics • * Current Affairs • * Politics • * Chemistry • * Sociology • * History • * Defence related Award • * Geography • * Environment • * Sport • * Biology • * Cultural • * Book • * Statement • * true/false

Algebra	• * Basic Operations • * simple factors • * Remainder Theorem • * H.C.F. • * L.C.M. • * Theory of polynomials • * solutions of quadratic equations • * relation between its roots and coefficients (Only real roots to be considered) • * Simultaneous linear equations in two unknowns—analytical and graphical solutions • * Simultaneous linear inequations in two variables and their solutions • * Practical problems leading to two simultaneous linear equations or inequations in two variables or quadratic equations in one variable & their solutions • * Set language and set notation • * Rational expressions and conditional identities • * Laws of indices
Arithematic	• * Number System: Natural numbers, Integers, Rational and Real numbers. • * Fundamental operations: addition, substraction, 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

Trigonometry	• * Sine ×, cosine ×, Tangent × when 0° < × < 90° • * Values of sin ×, cos × and tan ×, for ×= 0°, 30°, 45°, 60° and 90° • * 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 normals • * 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 and volume of right circular cones and cylinders • * surface area and volume of spheres
Statistics	• * Collection and tabulation of statistical data • * Graphical representation frequency polygons • * histograms • * bar charts • * pie charts etc • * Measures of central tendency