



MAJOR KALSHI CLASSES
India's No.1 Institute

What is the NDA 2 Syllabus 2025 – Subject-wise & Exam Pattern

(by Major Kalshi Classes)

The **National Defence Academy (NDA) Exam** is conducted by the UPSC, which is one of the most honorable opportunities to join the Indian Armed Forces as an officer.

Every year, lakhs of students appear for the exam with the dream of serving the nation. One of the most important steps in preparation is understanding the **NDA 2 2025 syllabus** and exam pattern thoroughly.

This blog provides you with a detailed, easy-to-understand NDA 2 2025 syllabus, along with tips on how to cover it in time using the right books and coaching support.

For focused preparation, the [best NDA coaching in India](#), **Major Kalshi Classes (MKC)**, offers expert-designed NDA books, online coaching, and offline classes that are aligned with the latest **UPSC NDA syllabus**.

NDA 2 Exam Pattern 2025

The **NDA 2 2025 exam** consists of two sets of written papers followed by the SSB Interview:

Section	No. of Questions	Marks	Duration
Mathematics	120	300	2.5 hours
General Ability Test (GAT)	150	600	2.5 hours

SSB Interview	—	900	5 days
Total Marks	—	1800	—

Marking Scheme of NDA 2 2025:

- +2.5 marks for each correct answer in Mathematics; -0.83 for wrong answers.
- +4 marks for each correct answer in GAT; -1.33 for wrong answers.

Read More About [UPSC NDA 2 2025 Answer Key: Download PDF, Solution, Cutoff](#)

NDA 2 Syllabus 2025 – Subject-wise Breakdown

The NDA 2 syllabus for 2025 is divided into Mathematics and General Ability Test (GAT), each covering various important topics as outlined below.

NDA 2 Syllabus Mathematics Section

This section is for problem-solving ability and analytical skills.

Topic Area	Topics Covered
Algebra	Operations and laws of indices, quadratic equations, arithmetic/geometric progressions, binomial theorem
Matrices & Determinants	Types, properties, inverse of a matrix, applications
Trigonometry	Trigonometric identities, trigonometric equations, inverse trig functions, height & distance
Analytical Geometry (2D & 3D)	Lines, circles, parabolas, ellipses, hyperbolas, distance formula, direction cosines
Differential Calculus	Limits, continuity, differentiation, maxima & minima

Integral Calculus & Differential Equations	Integration, area under curves, differential equations (first order, first degree)
Vector Algebra	Scalars & vectors, dot & cross products, applications
Statistics & Probability	Mean, median, mode, standard deviation, probability theorems

Preparation Tip: Practice NCERT Class 11 & 12 Maths for basics, then move to advanced NDA books like the **MKC NDA Mathematics Book**.



NDA 2 Syllabus General Ability Test (GAT) Section

The GAT paper tests English, General Knowledge, Science, and Current Affairs.

NDA 2 English Syllabus

This section covers Grammar and **usage, vocabulary, Comprehension, Sentence improvement and para jumbles** that are as follows:

Topic Area	Topics Covered
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Grammar & Usage	Grammar rules and correct usage of words and sentences
Vocabulary	Synonyms, antonyms, idioms
Comprehension	Passage-based questions, reading comprehension
Sentence Improvement & Errors	Improving sentences, spotting grammatical and usage errors
Fill in the blanks & Paragraph jumbles	Sentence completion, paragraph ordering (para jumbles)

Tip: Reading English newspapers and practicing from the **MKC NDA English Book** can help improve speed and accuracy.

NDA 2 General Knowledge Syllabus

Covers questions from Physics, Chemistry, General Science, History, Geography, and Current Affairs.

Subject Area	Topics Covered
Physics	Laws of motion, gravitation, oscillation & waves; work, power & energy; electricity, magnetism, optics; heat, thermodynamics & sound
Chemistry	Atomic structure & periodic classification; acids, bases & salts; oxidation & reduction; carbon & its compounds; natural & synthetic fibers; fertilisers, environmental chemistry
General Science	Human physiology, life processes, plant & animal tissues, biotechnology & genetics, environmental conservation

History & Polity	Indian freedom struggle, ancient, medieval & modern history; Indian Constitution, governance & polity
Geography	Earth structure, latitude & longitude, climate, soils; India's physical, social & economic geography; rivers, mountains, agriculture & industries
Current Events	Defence exercises, national & international events, sports, awards

Also, Read More About [NDA 2 2025 Download Answer Key with Solutions \(All Sets\)](#)

Download Free NDA 2 Syllabus 2025

The candidate can **download the free 2025 NDA 2 syllabus** from the the link given below in the table:

Download free 2025 NDA 2 syllabus PDF	Download
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How Does MKC Help To Cover the NDA 2 Syllabus Faster?

We offer structured classes, expert guidance, and focused study materials to help candidates systematically cover the NDA 2 syllabus in less time.

1. NDA Books

- Chapter-wise theory & solved examples
- Practice sets & previous year papers
- Short notes for revision

2. NDA Online Courses

- Live classes with expert faculty
- Recorded sessions for flexible learning
- Online mock tests & doubt-clearing sessions

3. MKC NDA Offline Coaching

- Classroom training by experienced teachers
- Weekly tests & performance analysis
- Complete guidance for written & SSB preparation

Conclusion

A clear understanding of the NDA syllabus is your first step toward success. By following a **smart study plan**, using **reliable books like [MKC publications](#)**, and enrolling in **online/offline NDA coaching**, you can cover the entire syllabus within time and improve your selection chances.

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