



MAJOR KALSHI CLASSES
India's No.1 Institute

NDA 2 2025 Exam GS Study Plan & Analysis

(by Major Kalshi Classes)

The [NDA \(National Defence Academy\)](#) exam is a dream opportunity for students who are aiming to serve in the Indian Armed Forces.

It's one of the most competitive exams conducted by the UPSC, with lakhs of aspirants appearing every year. NDA 2 2025 will test candidates not only in Mathematics but also in the **General Ability Test (GAT)**, where General Knowledge (GK), including **Chemistry and Biology**, plays a crucial role.

Many candidates struggle to figure out which topics to focus on, especially in the science portion. In this blog, we'll break down:

- The trend of past year questions
- The most important topics in Chemistry and Biology

How to make a targeted study plan to maximize your marks

Analyzing Previous Year Question Papers

Why Analyze Past Papers?

Studying the pattern of previous year papers gives you clarity about:

- Which topics are **frequently asked**
- The **difficulty level** of questions
- How to **prioritize topics**

If you look at the [NDA 2 GAT paper](#) over the past 3–5 years, you'll notice that **Chemistry and biology consistently appear**, with certain topics getting repeated almost every year.

Read More : [NDA 2 Previous Year Solved Question Paper PDF Free Download](#)

Detailed Trend Analysis (2023–2025)

Year	Chemistry Questions	Biology Questions	Total GK Questions in GAT
NDA 1 2023	15	10	100
NDA 1 2024	18	11	100
NDA 1 2025	15	10	100

- **Chemistry** contributes around **15–18%** of the GK section.
- **Biology** stays between **10 and 11%**.
- These two subjects together can fetch you **25+ marks easily**, if prepared well.

This trend tells us that if you master around **15–20 key topics**, you can crack 25 questions confidently.

Understanding the Weightage of Topics in Chemistry and Biology

Chemistry: What Really Matters?

Chemistry is largely **conceptual + application-based** in NDA. Most questions are from **basic NCERT concepts** and key focus areas include:

Chemistry Topics	Sample Qs Asked
Atomic Structure	2-3

Chemical Bonding	2-3
Acids, Bases & Salts	2
Oxidation & Reduction	1-2
Carbon & Organic Compounds	3
Fertilizers & Common Substances	2
Physical vs Chemical Change	1

Most of these topics are covered in **Class 9 & 10 Science NCERTs**, especially in chapters on "Atoms and Molecules," "Carbon and its Compounds," and "Chemical Reactions."

Biology: What Are the Key Concepts?

Biology in NDA focuses on **basic understanding of the human body**, environment, and simple concepts in life science. You don't need to be a medical aspirant to score well here.

Biology Topics	Sample Qs Asked
Human Anatomy (Organs & Functions)	2-3
Nutrition & Balanced Diet	2
Cells and Tissues	1-2
Epidemics & Diseases	1
Growth and Reproduction	1
Environmental Biology	1-2

These are conceptual questions and often appear in "which of the following" or "match the following" formats. Most answers are direct from **Class 9–10 Biology chapters**.

Integrating Analysis and Weightage in Your Study Plan

Now that you know **what** to study, let us talk about **how** to study.

Mentioned follow-ups will help you see how you can combine the past paper trend and topic weightage into a **realistic weekly plan**:

Week	Task	Focus Area
1	Read NCERT chapters (Chem: Atomic, Carbon)	Chemistry basics
2	Practice topic-wise MCQs (Chemistry)	Reactions, bonding, mixtures
3	Biology core concepts (Nutrition, Cells)	Human anatomy, tissues
4	Biology practice + Chemistry revision	GK past paper integration
5	Mixed topic quizzes + error log	Weak spots
6	Full mock tests and time management	Simulated exam conditions

- Solve **at least 10 PYQs** topic-wise after reading theory.
- Revise using **flashcards or mind maps** weekly.
- Maintain a **mistake tracker** to avoid repeating errors.

The NDA exam is not just about hard work it's about **working smart**. With the limited time and vast syllabus, the key is to **prioritize high-yield topics**, focus on concepts, and do targeted revision.

In the General Studies section of NDA GAT, **Chemistry and Biology offer the easiest scoring potential**—if you follow the trend and prepare selectively.

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