



About Dhyan Institute

Dhyan Institute is an NDA and SSB-focused educational platform created to make defence examination preparation more **structured, focused and strategic**.

We analyse previous years' question papers, identify recurring patterns and important topics, and convert these insights into structured resources that help aspirants understand **what to study, what to prioritise and how to prepare efficiently**.

Our approach focuses on **smart preparation rather than simply studying more**. Through structured courses, study resources, PYQ analysis, practical tools and mentorship, we aim to give students a clear preparation system for both the **NDA written examination and SSB selection process**.

Our larger vision is to help aspirants become **smart learners** who can analyse a syllabus, manage their time, identify priorities and prepare with confidence. We believe these skills extend beyond NDA and remain valuable throughout their academic and professional journey.

Dhyan Institute — Smart Preparation. Strategic Learning. Defence Aspirations.



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DHYAN INSTITUTE
Kolhapur

Subject Wise Weightage in GAT Part B

Exam Attempt	Physics	Chemistry	Biology	Geography	History	Polity	Economics
Sep 2014	24	15	11	16	14	1	4
Apr 2015	20	16	12	16	13	5	4
Sep 2015	23	12	13	19	12	6	6
Apr 2016	24	23	8	20	9	8	6
Apr 2024	21	15	10	11	17	3	2
Sep 2024	19	10	13	18	11	5	3
Apr 2025	26	15	10	19	14	3	2
Sep 2025	25	15	9	21	13	2	2
Apr 2026	23	15	10	20	9	8	1

Geography - Overall Distribution (2024-2026)		
Major Topic	Questions	Approx. Share
Geomorphology	28	27%
Climatology	26	25%
Economic Geography	14	14%
Indian Physical Geography	12	12%
Indian Soils & Agriculture	9	9%
Oceanography	8	8%
Environment	3	3%
World Geography	2	2%
International Organization	1	1%

The recent Question papers show that **over half of the Geography questions (more than 50%) come from just two branches: Geomorphology and Climatology**. Within those, the examiner repeatedly tests **conceptual understanding**—especially of earthquakes, rocks, volcanoes, weathering, atmosphere, winds, and cyclones—rather than simple factual recall. The remaining questions are largely concentrated in **Indian Physical Geography** and **Economic Geography**, with a strong emphasis on rivers, minerals, ports, industries, and power plants. This makes those areas the highest-yield sections for targeted preparation.

Biology- Overall Distribution (2024-2026)		
Major Topic	Questions	Percentage
Human Physiology	20	41.70%
Cell Biology	10	20.80%
Plant Biology	6	12.50%
Biochemistry	5	10.40%
Microbiology & Human Health	3	6.30%
Genetics & Molecular Biology	2	4.20%
Evolution	1	2.10%
Animal Classification	1	2.10%
Biological Instruments	1	2.10%

1. **Human Physiology dominates the paper**, contributing nearly **42%** of all Biology questions. Within this, the focus is spread across multiple body systems rather than concentrated in a single chapter.
2. **Cell Biology** is the second most important area (**21%**). Questions repeatedly test organelles, prokaryotic vs eukaryotic cells, membranes, ATP, and basic cell structure.
3. **Plant Biology** emphasizes **NCERT fundamentals**—meristems, tissues, vegetative propagation, photosynthesis, fruits, and ovules—rather than advanced plant physiology.
4. **Biochemistry** is mostly application-oriented, covering proteins, vitamins, biomolecules, and metabolic products like lactic acid.
5. **Microbiology & Human Health** focuses on common diseases, vectors, antibiotics, and disease-causing organisms rather than detailed microbiology.
6. **Genetics** is surprisingly limited in this five-paper sample, with questions confined to DNA structure and meiosis.

History - Overall Distribution (2024-2026)

Category	No. of Questions	Percentage
Ancient History	12	21.40%
Medieval History	13	23.20%
Modern History	22	39.30%
Post-Independence	3	5.40%
World / International History	6	10.70%
Total	56	100%

Economics – overall Distribution (2024-2026)		
Topic	Questions	Weightage
Five-Year Plans & Economic Planning (Objectives, Models, Annual Plans, Planning Commission, Pre-Independence Plans) NITI Aayog & Planning Institutions	8	75 %
Land Use Classification	2	16.70%
Government Schemes (MGNREGA, NFSM)	2	16.70%

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Polity – overall Distribution	
Topic (analysis is for 2012+16 + 2024-26)	Approx. Questions
Constitutional Offices & Institutions	20
Parliament & Legislative Procedure	12
Fundamental Rights, DPSP & Duties	10
Constitution (Articles, Parts, Schedules & Amendments)	10
Local Self Government	6
Election & Election Commission	5
Federalism & Centre-State Relations	4
Constitutional Committees & Commissions	4
Current Constitutional Developments	4