



THE COMPLETE NDA HANDBOOK

**NDA PREP SIMPLIFIED
ONE HANDBOOK TO COVER
EVERYTHING YOU NEED**

2026

NATIONAL DEFENCE ACADEMY

ABOUT NDA

The National Defence Academy (NDA) is more than just a military training institution—it is a crucible where young boys and girls are transformed into leaders of the Indian Armed Forces. Located in Khadakwasla, Pune. NDA is where selected candidates for the Indian Army, Navy, and Air Force undergo joint training before proceeding to their respective service academies.

VACANCIES

The total 406 vacancies, 208 are for Army, 42 for Navy, 120 for Air Force and 36 for Indian Naval Academy. NDA 2 women vacancies are 27 (10 vacancies for Army, 6 for Navy, 6 for Air Force and 5 for Indian Naval Academy). The number values eligibility. Please refer to the official UPSC notification.

ELIGIBILITY

REQUIREMENT	DETAILS
Nationality	Indian citizen, or subject of Nepal/Bhutan, or Tibetan refugee (before 1 Jan 1962), or Indian-origin person migrated from select countries intending permanent settlement.
Gender	Both male & female candidates are eligible.
Marital Status	Unmarried.
Age Limit	Must be 16½ to 19½ years on the first day of the training month. For NDA-I 2026 (example): born 2 July 2007 to 1 July 2010 (both dates inclusive). <i>(Adjust dates for each session.)</i>
Educational Qualification	Army – 12th Class pass (any stream). Air Force & Navy / Naval Academy (10+2 Cadet Entry) – 12th Class pass with Physics & Mathematics.

EXAM OVERVIEW

- Conducted by: Union Public Service Commission (UPSC), twice a year (NDA-I in April & NDA-II in September).
- For entry into:
 - Indian Army
 - Indian Navy
 - Indian Air Force

- Mode: Offline, pen & paper (Objective Based i.e. MCQs).
- Language: English & Hindi (except English section)

OFFICIAL NOTIFICATIONS

- UPSC NDA & NA Examination Notification Published twice a year (January & May/June)
 - Website: Union Public Service Commission
 - Contains eligibility, age limits, syllabus, exam pattern, medical guidelines, and application dates.

EXAMPATTERN

Paper	Subject	Questions	Marks	Duration
Paper I	Mathematics	120	300	2½ hours
Paper II	General Ability Test (GAT)	150	600	2½ hours
SSB Interview	Personality & Intelligence	–	900	5 Days
Grand Total	–	–	1800	–

Marking:

- Mathematics: +2.5 for correct, –0.83 for wrong.
- GAT: +4 for correct, –1.33 for wrong.

1. SYLLABUS

Paper I – Mathematics (300 marks)

- Algebra (sets, relations, complex numbers, quadratic equations, binomial, sequences & series)
- Matrices & Determinants
- Trigonometry (identities, equations, inverse, heights & distances)
- Analytical Geometry (2D & 3D: straight line, circle, conics, direction cosines)
- Differential Calculus (limits, continuity, derivatives, applications)
- Integral Calculus & Differential Equations
- Vector Algebra
- Statistics & Probability
- Mensuration

Paper II – General Ability Test (600 marks)

- Part A – English (200 marks) Grammar & usage, vocabulary, comprehension, spotting errors, para jumbles, synonyms/antonyms.
- Part B – General Knowledge (400 marks)
- Physics (mechanics, electricity, optics, etc.)
- Chemistry (basic concepts, organic & inorganic fundamentals)
- General Science (biology basics, human body, environment)
- History, Freedom Movement
- GEOGRAPHY (physical, economic, social)
- Polity & Constitution
- Economics & Current Affairs

TIME LINE

Event	NDA I (e.g., for April 2026 exam)	NDA II (e.g., for September 2026 exam)
Notification release	December	May
Admit card release	March	August/September
SSB joining	January 2027	July 2027

SUBJECT-WISE WEIGHTAGE

MATHEMATICS (NDA II 2025)

TOPIC	No. of Questions	% of Paper
Algebra (sets, relations, complex numbers, quadratic equations, sequences & series, binomial, logarithms, etc.)	22	18.3 %
Matrices & Determinants	6	5.0 %
Trigonometry (equations, inverse, identities, height & distance)	16	13.3 %
Analytical Geometry of 2D & 3D (straight lines, conic sections, 3-D geometry)	14	11.7 %
Differential Calculus (limits, continuity, differentiation, applications)	15	12.5 %
Integral Calculus (indefinite & definite, differential equations)	12	10.0 %
Vector Algebra	6	5.0 %
Statistics & Probability	8	6.7 %
Mensuration (2D & 3D)	4	3.3 %
Miscellaneous / Arithmetic (permutations-combinations, etc.)	17	14.2 %
Total	120	100 %

- Algebra is the single biggest chunk ($\approx 18\%$), so it deserves top revision priority.
- Trigonometry + Calculus (Differential + Integral) together account for $\sim 36\%$ —another high-yield zone.
- Geometry (2D/3D) remains strong at $\sim 12\%$.
- Vectors and Matrices questions were less but easy to score marks.

GENERAL APTITUDE (NDA II 2025)

SUBJECT	No. of Questions	% of Paper
English	50	33.30%
History	14	9.30%
Polity	5	3.30%
Geography	19	16.00%
Economics & Current Affairs	10	6.70%
Physics	27	18.00%
Biology	9	6.00%
Chemistry	11	7.30%
Total	150	100%

The paper follows the usual NDA pattern:

- a. English $\approx$ one-third of the marks (200/600)
- b. General Knowledge $\approx$ two-thirds (400/600).
- Within General Knowledge, Physics and GEOGRAPHY together make up over a third of the whole paper—the highest-
- yield areas for revision.
- History remains significant ($\approx 9\%$), while Polity and Economics are relatively lighter.

1. SSB INTERVIEW (5-Day Process – 900 Marks)

DAY	STAGE	KEY ACTIVITIES
Day 1	Stage I Screening	Officer Intelligence Rating (OIR) tests & Picture Perception & Discussion Test (PPDT).
Days 2–4	Stage II	Psychological Tests (TAT, WAT, SRT, Self-Description), Group Testing Officer (GTO) tasks (Group discussions, Group planning exercise, Progressive group tasks, Individual obstacles, Command task, Lecturette, etc.), Interview with IO.
Day 5	Conference	Final board conference and results.

MEDICAL & PHYSICAL STANDARDS

Given link will directly provide you the details <https://upsc.gov.in/sites/default/files/Notific-NDA-NA-I-2025-Engl-11122024F.pdf>

SOURCES

Area	Standard References	Why They're Useful
Mathematics	• Pathfinder for NDA/NA (Arihant) • R.S. Aggarwal Objective Maths • NCERT Maths Class 11 & 12	Complete coverage of algebra, calculus, trigonometry with plenty of MCQs.
General Ability Test (GAT)	• NCERT Science (Physics, Chemistry, Biology – Class 9-12) • NCERT Social Science (History, GEOGRAPHY, Polity – Class 9-12) • Lucent's General Knowledge	NCERT builds concepts; Lucent is a quick GK capsule.
English	• Wren & Martin (Grammar) • Objective General English – S.P. Bakshi	For grammar, comprehension, vocabulary.
Previous Year Papers	• Arihant NDA/NA Solved Papers (last 10–15 years)	Real exam pattern and practice.
Current Affairs	• Monthly magazines like Pratiyogita Darpan, Yojana/Kurukshetra (for deeper issues)	Keeps you updated for the GAT current section & SSB discussions.
Channel	Focus Area	Weekly Current Affairs Update
Defence Squad	Exam updates, motivation, SSB guidance	Quick alerts & preparation tips.
SSB Crack Exams	Complete NDA syllabus, maths & GAT lectures, SSB prep	Structured playlists, good for concept building.
Study IQ IAS	Current affairs, polity, history for NDA/CDS	Concise news analysis.
Defence Wallah (Physics Wallah)	NDA Maths & GAT classes	Systematic syllabus coverage, live doubt clearing.
Gagan Pratap Maths / Rakesh Yadav Maths	Higher-level maths	Excellent for speed and accuracy drills.
	SSB interview strategies	Tips for psychological tests, PPDT, GTO tasks.

How to Use These Resources

1. **Core Concepts:** NCERT + Pathfinder for at least one full revision.
2. **Practice:** Previous-year papers timed like the real exam.
3. **Revision:** Lucent GK & monthly current-affairs magazines.
4. **SSB Prep:** Watch SSB-focused YouTube playlists, practice story-telling, group discussions, and maintain physical fitness.

5. TRAINING AFTER SELECTION

National Defence Academy, Khadakwasla (Pune)

3 years of joint training (Army, Navy, Air Force cadets together).

You earn a B.Sc., B.Sc. (Computer Science), or B.A. degree from Jawaharlal Nehru University.

3 years of B. Tech for Navy and AirForce Cadets.

After NDA:

Army Cadets → Indian Military Academy (Dehradun) for 1 year.

Naval Cadets → Indian Naval Academy (Ezhimala) for 1 year.

Air Force Cadets → Air Force Academy (Hyderabad) for flying/ground duties.

Pay & Perks During Training

Stipend: ~₹56,100 per month during the training in IMA, INA and AFA.

After commission as Lieutenant/Equivalent: Pay Band 10: ₹56,100–1,77,500 plus allowances (Flying, Field, Siachen, etc.).

DAYS	CLASS 1 (MATHS)	CLASS II (GS)	CLASS III (ENGLISH)	CLASS IV (SCIENCE)
		HISTORY		BIOLOGY
DAY 1	COMPLEX NUMBERS	INDUS VALLEY CIVILIZATION	BASICS OF ENGLISH GRAMMAR	HUMAN EYE / PLANT KINGDOM
DAY 2	COMPLEX NUMBERS	INDUS VALLEY CIVILIZATION -02	BASICS OF ENGLISH GRAMMAR	ANIMAL KINGDOM
DAY 3	BINARY NUMBERS	EARLY VEDIC AGE / LATER VEDIC AGE	PARTS OF SPEECH	CELLS
DAY 4	BINARY NUMBERS	BUDDHISM / JAINISM	PARTS OF SPEECH	CELLS
DAY 5	BINARY NUMBERS	MAHAJANPADAS / RISE OF MAGADHA	NOUN	CELLS
DAY 6	BINARY NUMBERS	ASHOKA / GUPTA DYNASTY	NOUN	PLANT TISSUE
DAY 7	BINARY NUMBERS / SEQUENCE AND SERIES	SANGAM AGE / PALAS, PRATIHARAS & RASHTRAKUTAS	NOUN	ANIMAL TISSUE
DAY 8	SEQUENCE AND SERIES	CHOLAS / STRUGGLE FOR SUPREMACY PALLAVAS, CHALUKYAS & PANDYAS	NOUN	PLANT NUTRITION
DAY 9	SEQUENCE AND SERIES	BHAKTI MOVEMENT / SUFI MOVEMENT	SYNTAX	PLANT REPRODUCTION
DAY 10	QUADRATIC EQUATIONS & IN-EQUATIONS	DELHI SULTANATE	PRONOUN	PLANT REPRODUCTION
DAY 11	QUADRATIC EQUATIONS & IN-EQUATIONS	DELHI SULTANATE	PRONOUN	ANIMAL NUTRITION
DAY 12	QUADRATIC EQUATIONS & IN-EQUATIONS	DELHI SULTANATE	PRONOUN / VERB	ANIMAL REPRODUCTION
DAY 13	PERMUTATIONS & COMBINATIONS	MUGHAL SULTANATE	TIME & TENSE	RESPIRATION
DAY 14	PERMUTATIONS & COMBINATIONS	MUGHAL SULTANATE	ACTIVE & PASSIVE	MUSCULAR SYSTEM / NERVOUS SYSTEM

DAY 14	PERMUTATIONS & COMBINATIONS	MUGHAL SULTANATE	ACTIVE & PASSIVE	MUSCULAR SYSTEM / NERVOUS SYSTEM
DAY 15	PERMUTATIONS & COMBINATIONS	MUGHAL SULTANATE	ADJECTIVE	SKELETON SYSTEM / VITAMINS AND MINERALS
DAY 16	PERMUTATIONS & COMBINATIONS	MUGHAL SULTANATE	ADJECTIVE	EXCRETION
DAY 17	BINOMIAL THEOREM / LOGARITHMS	ADVENT OF EUROPEAN TRADERS	ADVERB	HEALTH AND DISEASE
DAY 18	LOGARITHMS	BRITISH CONQUEST OF INDIA / REVOLT OF 1857	ADVERB	ENVIRONMENT AND ECOLOGY
				CHEMISTRY
DAY 19	MATRICES	MINTO MARLEY REFORMS/ HOME RULE MOVEMENT	PREPOSITION	MIXTURE & ALLEGATION PART I
DAY 20	MATRICES	GANDHI IN SOUTH AFRICA/ ENTRY OF GANDHI IN INDIA	PREPOSITION	STRUCTURE OF ATOM
DAY 21	MATRICES	MONTAGU CHELMSFORD REFORMS / NON CO-OPERATION & KHILAAFAT MOVEMENTS	CONJUNCTION	PERIODIC TABLE
DAY 22	DETERMINANTS	THE SWARAJ PARTY	ARTICLES	PERIODIC TABLE
DAY 23	DETERMINANTS	REVOLUTIONARY MOVEMENT	CONDITIONAL SENTENCE	ACID, BASE & SALT PART I
DAY 24	DETERMINANTS	SIMON COMMISSION	QUESTION TAGS	ACID, BASE & SALT PART II
DAY 25	DETERMINANTS	CIVIL DISOBEDIENCE MOVEMENT / ROUND TABLE CONFERENCE	QUESTION TAGS	CARBON AND ITS COMPOUND
		GEOGRAPHY		
DAY 26	MEASUREMENT OF ANGLES & TRIGONOMETRIC RATIO / INVERSE TRIGONOMETRIC FUNCTIONS	UNIVERSE AND SOLAR SYSTEM	QUESTION TAGS / DIRECT & INDIRECT	CARBON AND ITS COMPOUND

DAY 27	INVERSE TRIGONOMETRIC FUNCTIONS	UNIVERSE AND SOLAR SYSTEM	DIRECT & INDIRECT	CARBON AND ITS COMPOUND
DAY 28	HEIGHTS AND DISTANCES / PROPERTIES OF TRIANGLES	EARTH INTERIOR AND PLATE TECTONICS	CLOZE TEST	CHEMICAL REACTION, BONDING & SOLUTION
DAY 29	PROPERTIES OF TRIANGLES	EARTH INTERIOR AND PLATE TECTONICS	READING COMPREHENSION / WORD ARRANGEMENT	METALS & NON-METALS
				PHYSICS
DAY 30	COORDINATE SYSTEM & STRAIGHT LINES / CIRCLE	ATMOSPHERE, TEMPERATURE & PRESSURE BELT	PARAJUMBLED SENTENCES	KINEMATICS
DAY 31	CIRCLE	ATMOSPHERE, TEMPERATURE & PRESSURE BELT	PARAJUMBLED SENTENCES	LAWS OF MOTION: PART I
DAY 32	CONIC SECTION	GEOMORPHIC PROCESS	PARAJUMBLED SENTENCES	LAWS OF MOTION: PART II
DAY 33	CONIC SECTION	GEOMORPHIC PROCESS	PARAJUMBLED SENTENCES	REFLECTION OF LIGHT
DAY 34	THREE-DIMENSIONAL GEOMETRY	CONDENSATION & PRECIPITATION	PARAJUMBLED SENTENCES	REFLECTION OF LIGHT
DAY 35	FUNCTIONS	CONDENSATION & PRECIPITATION	PARAJUMBLED SENTENCES	REFLECTION OF LIGHT
DAY 36	FUNCTIONS	CYCLONE & WORLD CLIMATIC REGION	PARAJUMBLED SENTENCES	WORK, ENERGY AND POWER
DAY 37	FUNCTIONS	CYCLONE & WORLD CLIMATIC REGION	PARAJUMBLED SENTENCES	DISPERSION AND SCATTERING OF LIGHT
DAY 38	FUNCTIONS	DEEP SEA PLANE, SALINITY & TEMPERATURE, WAVES & CURRENT	PARAJUMBLED SENTENCES	GRAVITATION
DAY 39	FUNCTIONS	DEEP SEA PLANE, SALINITY & TEMPERATURE, WAVES & CURRENT	PARAJUMBLED SENTENCES	HEAT AND DYNAMICS

DAY 40	FUNCTIONS	PHYSIOGRAPHY AND RIVERS OF INDIA	PARAJUMBLED SENTENCES	ELECTRICITY
DAY 41	FUNCTIONS	PHYSIOGRAPHY AND RIVERS OF INDIA	PARAJUMBLED SENTENCES / SYNONYMS & ANTONYMS	ELECTRICITY /MAGNETISM
DAY 42	FUNCTIONS	VEGETATION SOIL & AGRICULTURE OF INDIA	IDIOMS & PHRASES	SOUND
DAY 43	FUNCTIONS	VEGETATION SOIL & AGRICULTURE OF INDIA	ONE WORD SUBSTITUTION	SOUND
DAY 44	LIMITS, CONTINUITY & DIFFERENTIABILITY	MINERAL INDUSTRIES POPULATION & TRANSPORT OF INDIA	ONE WORD SUBSTITUTION	MATTER PART I
DAY 45	LIMITS, CONTINUITY & DIFFERENTIABILITY / DIFFERENTIATION	MINERAL INDUSTRIES POPULATION & TRANSPORT OF INDIA	ONE WORD SUBSTITUTION	MATTER PART I / MATTER PART II
DAY 46	DIFFERENTIATION	MINERAL INDUSTRIES POPULATION & TRANSPORT OF INDIA	ONE WORD SUBSTITUTION	MATTER PART II / NUCLEAR REACTION AND RADIOACTIVITY
DAY 47	DIFFERENTIATION	MINERAL INDUSTRIES POPULATION & TRANSPORT OF INDIA	ONE WORD SUBSTITUTION	REVISION
		POLITICAL SCIENCE	REVISION	REVISION
DAY 48	DIFFERENTIATION	OVERVIEW OF INDIAN POLITY	ONE WORD SUBSTITUTION	REVISION
DAY 49	APPLICATION OF DERIVATIVES	OVERVIEW OF INDIAN POLITY / SOURCES OF INDIAN CONSTITUTION	ONE WORD SUBSTITUTION	REVISION
DAY 50	APPLICATION OF DERIVATIVES	MAKING OF THE CONSTITUTION	ONE WORD SUBSTITUTION	REVISION
DAY 51	APPLICATION OF DERIVATIVES	MAKING OF THE CONSTITUTION	ONE WORD SUBSTITUTION	REVISION

			ECONOMICS	REVISION
DAY 52	APPLICATION OF DERIVATIVES	FEATURES OF THE CONSTITUTION	NATIONAL INCOME PART I	REVISION
DAY 53	INDEFINITE INTEGRAL	PREAMBLE	NATIONAL INCOME PART I	REVISION
DAY 54	INDEFINITE INTEGRAL	FUNDAMENTAL RIGHTS	MONEY & TYPES OF MONEY	REVISION
DAY 55	INDEFINITE INTEGRAL	FUNDAMENTAL RIGHTS	INFLATION	REVISION
DAY 56	INDEFINITE INTEGRAL	DIRECTIVE PRINCIPLES OF STATE POLICY	INFLATION	REVISION
DAY 57	DEFINITE INTEGRAL	FUNDAMENTAL DUTIES	BANKING & TYPES OF BANKING	REVISION
DAY 58	DEFINITE INTEGRAL	BASIC STRUCTURE / IMPORTANT AMENDMENTS	BANKING & TYPES OF BANKING	REVISION
DAY 59	DEFINITE INTEGRAL	IMPORTANT AMENDMENTS	PLANNING IN INDIA	REVISION
DAY 60	DEFINITE INTEGRAL	CENTRE AND STATE RELATIONS	PLANNING IN INDIA / UNEMPLOYMENT & POVERTY	REVISION
DAY 61	AREA UNDER THE CURVE	EMERGENCY PROVISIONS	UNEMPLOYMENT & POVERTY	REVISION
DAY 62	AREA UNDER THE CURVE	EMERGENCY PROVISIONS	PUBLIC FINANCING	REVISION
DAY 63	AREA UNDER THE CURVE	PARLIAMENT	PUBLIC FINANCING / TAXATION & EXTERNAL SECTOR OF INDIA	REVISION
DAY 64	AREA UNDER THE CURVE	PARLIAMENT	TAXATION & EXTERNAL SECTOR OF INDIA	REVISION
DAY 65	DIFFERENTIAL EQUATIONS	PARLIAMENT	REVISION	REVISION
DAY 66	DIFFERENTIAL EQUATIONS	PRESIDENT, VICE PRESIDENT AND JUDICIARY	REVISION	REVISION

DAY 67	DIFFERENTIAL EQUATIONS	PRESIDENT, VICE PRESIDENT AND JUDICIARY	REVISION	REVISION
DAY 68	VECTOR ALGEBRA	PRESIDENT, VICE PRESIDENT AND JUDICIARY	REVISION	REVISION
DAY 69	VECTOR ALGEBRA	PRIME MINISTER AND CENTRAL COUNCIL OF MINISTERS	REVISION	REVISION
DAY 70	VECTOR ALGEBRA	GOVERNOR AND STATE EXECUTIVE	REVISION	REVISION
DAY 71	STATISTICS	PANCHAYATI RAJ AND MUNICIPALITIES	REVISION	REVISION
DAY 72	STATISTICS	CONSTITUTIONAL AND NON-CONSTITUTIONAL BODIES	REVISION	REVISION
DAY 73	PROBABILITY	OTHER CONSTITUTIONAL DIMENSIONS / CENSUS	REVISION	REVISION
DAY 74	PROBABILITY	SPECIAL PROVISIONS FOR SOME STATES / INDIAN POLITICAL GEOGRAPHY	REVISION	REVISION
DAY 75	PROBABILITY	INDIAN POLITICAL GEOGRAPHY	REVISION	REVISION

FREE YOUTUBE VIDEOS TO PREPARE

MATHEMATICS

TOPIC	LINK
COMPLEX NUMBERS	https://youtu.be/DCrLxuTrWlc?si=T72fVfy-WDr4YSz2
BINARY NUMBERS	https://www.youtube.com/live/39zIMi65k74?si=jmDrHXoX5_qH38Zo
SEQUENCE AND SERIES	https://www.youtube.com/live/_kgURdLa6kM?si=xP-o_i_g6GuRL4D9
QUADRATIC EQUATIONS & IN-EQUATIONS	https://www.youtube.com/live/hXmAOrVOS4A?si=58fqEpELuUwuU8Px
PERMUTATIONS & COMBINATIONS	https://www.youtube.com/live/8V-5V_PLpP0?si=g8kRAdJNR95yeVXy
BINOMIAL THEOREM	https://www.youtube.com/live/PvOaQGrAqS0?si=F_dSS-zDJioFn5L8
LOGARITHMS	https://www.youtube.com/live/YjguHwv-uus?si=l1WmG1q082XatlXo
MATRICES	https://www.youtube.com/live/h1O8hSxa8Mo?si=ZOiZcaDLUnpu0H56
DETERMINANTS	https://www.youtube.com/live/zjnnvo0Ch6s?si=9iERsHuYY8psHuxw
MEASUREMENT OF ANGLES & TRIGONOMETRIC RATIO	https://youtu.be/GAcc4oBZ4t4?si=WV_qGo_pASfEg3eGh
INVERSE TRIGONOMETRIC FUNCTIONS	https://youtu.be/-MVNHvJBc6s?si=okO8kQfjT9mSgsiM
HEIGHTS AND DISTANCES	https://youtu.be/kzpCCq9HMiQ?si=DwUJh0ahTdsn0xHh

PROPERTIES OF TRIANGLES	https://www.youtube.com/live/bUhVdSXclMM?si=89qXuGyFes9pxqKu
COORDINATE SYSTEM & STRAIGHT LINES	https://youtu.be/SxPXxYbeTWE?si=ND9PWw3oyzHXGaji
CIRCLE	https://www.youtube.com/live/ldYREcedDkw?si=7e-woCPxZa6t7xPX
CONIC SECTION	https://youtu.be/KcVJHPAwZAs?si=cReCyGRz2xzplzJU
THREE-DIMENSIONAL GEOMETRY	https://youtu.be/dxZYKsQvSpM?si=XvqTYvcyCmnTSjMq
FUNCTIONS	https://www.youtube.com/live/UfpQ2kAZkOg?si=93NdOmYGY4a4GQZf
LIMITS, CONTINUITY & DIFFERENTIABILITY	https://youtu.be/3vJZX2Hey9w?si=11_ZFqYXegd4ldq3
DIFFERENTIATION	https://www.youtube.com/live/RJ9uaFV2RGE?si=Gwh3ci8h_CbmC65R
APPLICATION OF DERIVATIVES	https://www.youtube.com/live/X5xEexW53zA?si=NSvjcc1VCiz-chUj
INDEFINITE INTEGRAL	https://www.youtube.com/live/V8kJmrtygrw?si=5C-SiKHWigCaRrBa
DEFINITE INTEGRAL	https://www.youtube.com/live/V8kJmrtygrw?si=G5BwCMz66ymMjdkf
AREA UNDER THE CURVE	https://www.youtube.com/live/SNdGIUIbbEQ?si=qpa7DH7iLU94nzJK
DIFFERENTIAL EQUATIONS	https://www.youtube.com/live/t9zuzVhcRyA?si=uSycWBkedjpdjDdl
VECTOR ALGEBRA	https://www.youtube.com/live/5wY7DbqS9ho?si=xGh-mNYkF0zqulw
STATISTICS	https://www.youtube.com/live/WOKchTFXnYo?si=LWQgRkMjgrPIKPns
PROBABILITY	https://www.youtube.com/live/-8C2sPjs6vQ?si=u7paTh0hYdqRN3v5

HISTORY

TOPIC	LINK
INDUS VALLEY CIVILIZATION-01	https://youtu.be/TR73Vlu1YdQ?si=rtle6mrZuW1gGr6r
INDUS VALLEY CIVILIZATION -02	https://youtu.be/aju1ciGeDrc?si=e92XJeOqSNIP1KLC
EARLY VEDIC AGE	https://youtu.be/L7XwexafB5Q?si=VHXijxA8zXqSSDeH
LATER VEDIC AGE	https://youtu.be/NnGtEuQY9gY?si=YmWAFmF_kByPJJO9
BUDDHISM	https://youtu.be/pjtCNddWuY4?si=OTwlHsv_VuICEOIX
JAINISM	https://youtu.be/mSqmN1tyBvM?si=kW-o427W5MdgWM5v
MAHAJANPADAS	https://youtu.be/k2F9lHYqWrl?si=Sr9lMguplyhqxlfO
RISE OF MAGADHA	https://youtu.be/uxDC93m5RoU?si=d0Yd00kq6Wit2LLp
ASHOKA	https://youtu.be/btfguAliyGg?si=sOoDLT39aaRmQOsV
GUPTA DYNASTY	https://youtu.be/rhmZNtQz6DY?si=NkVA9Jwif8WYHpjE
SANGAM AGE	https://youtu.be/INEOY7PDDPw?si=15Gprth49SkBOVFP
PALAS, PRATI HARAS & RASHTRAKUTAS	https://youtu.be/7F8rFv5jqKs?si=viTtLHsw4fZgCmQn
CHOLAS	https://youtu.be/7F8rFv5jqKs?si=viTtLHsw4fZgCmQn
STRUGGLE FOR SUPREMACY PALLAVAS,	https://youtu.be/gOF2MZdYiUY?si=YymKJpGNAZOxxXif
BHAKTI MOVEMENT	https://youtu.be/gejQVizxcuU?si=wfY66HduuucxiQ8Y
SUFI MOVEMENT	https://youtu.be/4MwGetYhCxQ?si=lb1Y-tQBKwZ2bhN9
DELHI SULTANATE	https://www.youtube.com/live/4UfNRYd0OqE?si=eYt6-8Z3yhqtCgGx
MUGHAL SULTANATE	https://www.youtube.com/live/Kz8bhhQ4OCA?si=3Jodg8FeloijlW4P

ADVENT OF EUROPEAN TRADERS	https://www.youtube.com/live/mD6ywrXmC8Y?si=HQJfQqoxMt97c7lh
BRITISH CONQUEST OF INDIA	https://youtu.be/ZBVBtkpmfsg?si=zd_JBvyBkL1URR67
REVOLT OF 1857	https://youtu.be/LEGzN46UdSg?si=C1C57tSkREx2rHMH
GANDHIAN ERA PART I	https://youtu.be/Smug6Jw1qS8?si=w9ZtKk6iu3wda-OL
GANDHIAN ERA PART II	https://youtu.be/Smug6Jw1qS8?si=w9ZtKk6iu3wda-OL
EFFECT OF WORLD WAR 2 ON NATIONAL STRUGGLE	https://youtu.be/d7NcqJJGwUQ?si=AsGBAGzpgbHZnCLI
INDIA AT THE DAWN OF COLONISATION	https://youtu.be/6Q20H0tpxmA
ADVENT OF EUROPEANS	https://youtu.be/1yuybAqQDeY
CARNATIC WARS	https://youtu.be/4bRRI3MXGwA
WARREN HASTINGS	https://youtu.be/IOzrkAvTRYo
CORNWALLIS AND HIS REFORMS	https://youtu.be/S22Plq91zhY
REFORMS OF BENTICK	https://youtu.be/JhFkJeXeW9s
3RD BATTLE OF PANIPAT + ROHILLAS	https://youtu.be/EaZzmH-b03Q
ANGLO MYSORE WARS	https://youtu.be/gUK5eggn34Y
ANGLO MARATHA WARS	https://youtu.be/gUK5eggn34Y
ANGLO NEPAL AND ANGLO BURMA WAR	https://youtu.be/X_t7DDrYtiE
ANNEXATION OF SINDH + ANGLO SIKH WARS	https://youtu.be/ylAmi_9BW8E

SUBSIDIARY ALLIANCE	https://youtu.be/ARuRpGDvHz4
DALHOUSIE CHARTER ACT 1853	https://youtu.be/2X9NvH4Dkoo
LAND REFORMS BY BRITISH	https://youtu.be/jE_Y2pliSkk
REVOLUTIONARY NATIONALISM	https://youtu.be/CfcxfzB553g
MINTO MARLEY REFORMS	https://youtu.be/dO2W294l97l
HOME RULE MOVEMENT	https://youtu.be/dlu2kXNbNtA
GANDHI IN SOUTH AFRICA	https://youtu.be/lwsq609qOno
ENTRY OF GANDHI IN INDIA	https://youtu.be/9G2YXdYG5D0
ROWLATT ACT AND JALLIANWALA BAGH MASSACRE	https://youtu.be/piGUa70sbWQ
MONTAGU CHELMSFORD REFORMS	https://youtu.be/piGUa70sbWQ
NON - COOPERATION & KHILAFAT MOVEMENTS	https://youtu.be/1j9hLVQ56cs
THE SWARAJ PARTY	https://youtu.be/9y4-EJVL21s
NO-CHANGERS VS PRO-CHANGERS	https://youtu.be/-217D7EnoaU
REVOLUTIONARY MOVEMENT	https://youtu.be/LWMAfugL8Og
SIMON COMMISSION	https://youtu.be/h0boYviTEXE
CIVIL DISOBEDIENCE MOVEMENT	https://youtu.be/5LOqE-aRemo
ROUND TABLE CONFERENCE	https://youtu.be/l2vEDo1L46ch

GEOGRAPHY

TOPIC	LINK
UNIVERSE AND SOLAR SYSTEM	https://www.youtube.com/live/s4Hdbhe2JoM?si=6uFleLhJXt4OL2AJ
EARTH INTERIOR AND PLATE TECTONICS	https://www.youtube.com/live/9dzZD67V6K8?si=qPMqwh4boXectYUg
ATMOSPHERE, TEMPERATURE & PRESSURE BELT	https://www.youtube.com/live/QMD-RbSHh_0?si=MakqSxULAvDtcuTh
GEOMORPHIC PROCESS	https://www.youtube.com/live/kwxTtRsh9vo?si=EhjXxHTsvJ_UHVkR
CONDENSATION & PRECIPITATION	https://www.youtube.com/live/cpArc3f1IAk?si=URbcWG9R-qMTnVjO
CYCLONE & WORLD CLIMATIC REGION	https://www.youtube.com/live/QK9ddfwy3vg?si=duPbTH3V2Pfu51WD
DEEP SEA PLANE, SALINITY & TEMPERATURE, WAVES & CURRENT	https://www.youtube.com/live/NrCNdcFR6Hk?si=uNZXstZFLfnTPCdb
PHYSIOGRAPHY AND RIVERS OF INDIA	https://www.youtube.com/live/dVfA_LXfLdg?si=ofyLGnNoJeO1IjW0
VEGETATION SOIL & AGRICULTURE OF INDIA	https://www.youtube.com/live/-cqnupOtzB8?si=Fb-j9hZl3-i48SQC
MINERAL INDUSTRIES POPULATION & TRANSPORT OF INDIA	https://www.youtube.com/live/Yh3jf4juROQ?si=Y1kqcykGCjFs5RDS
WORLD GEOGRAPHY	https://www.youtube.com/live/JYdr8zms65M?si=q1ryBl6R1Eu0ltU9

POLITICAL SCIENCE

TOPIC	LINK
OVERVIEW OF INDIAN POLITY	OVERVIEW OF INDIAN POLITY
SOURCES OF INDIAN CONSTITUTION	https://www.youtube.com/watch?v=f9bsEZ3XMG4
MAKING OF THE CONSTITUTION	https://www.youtube.com/watch?v=C5wcDfZSSHM
FEATURES OF THE CONSTITUTION	https://www.youtube.com/watch?v=3IALu_RwogQ
PREAMBLE	https://www.youtube.com/watch?v=1h0KI1baR3Y&t=34s
FUNDAMENTAL RIGHTS	https://www.youtube.com/watch?v=_yLsN3vgb0U
DIRECTIVE PRINCIPLES OF STATE POLICY	https://www.youtube.com/watch?v=EusuctHD1OA
OVERVIEW OF INDIAN POLITY	OVERVIEW OF INDIAN POLITY
SOURCES OF INDIAN CONSTITUTION	 Sources of Indian Constitution Indian Polity
FUNDAMENTAL DUTIES	https://www.youtube.com/watch?v=wzp-f3FXNxx
BASIC STRUCTURE	https://www.youtube.com/watch?v=aX6yX2Sw1FU
IMPORTANT AMENDMENTS	https://www.youtube.com/watch?v=AsZHRX6Laog
CENTRE AND STATE RELATIONS	https://www.youtube.com/watch?v=k1Ev75tpU9g
EMERGENCY PROVISIONS	https://www.youtube.com/watch?v=YNP68kCltbl&t=1s
PARLIAMENT	https://www.youtube.com/watch?v=aIFfuLERaHo
PRESIDENT, VICE PRESIDENT AND JUDICIARY	https://www.youtube.com/watch?v=XlwiRhEZxVA

PRIME MINISTER AND CENTRAL COUNCIL OF	https://www.youtube.com/watch?v=Um6avXEwMgA
GOVERNOR AND STATE EXECUTIVE	https://www.youtube.com/watch?v=bpEYG8SXg94
SPECIAL PROVISIONS FOR SOME STATES	https://www.youtube.com/watch?v= MUpKRTGiEg
PANCHAYATI RAJ AND MUNICIPALITIES	https://www.youtube.com/watch?v=afuJpm2T-Uo
CONSTITUTIONAL AND NON-CONSTITUTIONAL	https://www.youtube.com/watch?v=BPxEAEpNd_4
OTHER CONSTITUTIONAL	https://www.youtube.com/live/RQbcKiKnoy8?si=Us_VDlrMsOidrgJG
CENSUS	https://youtu.be/z7_ezHrdzbQ?si=ae_zyWfK6DrAAH44
INDIAN POLITICAL GEOGRAPHY	https://www.youtube.com/live/gypq3v7EMYM?si=fdkqWW7dq1WudZbA

PHYSICS

TOPIC	LINK
KINEMATICS	https://www.youtube.com/watch?v=XIJAZM5G5Fg&list=PLF_7kfnwLFCgGcF1lhVgTiZ-Sf0pnKlOub
LAWS OF MOTION: PART I	https://www.youtube.com/watch?v=YzxUZzMrlfQ&list=PLF_7kfnwLFCgGcF1lhVgTiZ-Sf0pnKlOub
LAWS OF MOTION: PART II	https://www.youtube.com/watch?v=YzxUZzMrlfQ&list=PLF_7kfnwLFCgGcF1lhVgTiZ-Sf0pnKlOub
REFLECTION OF LIGHT	https://www.youtube.com/watch?v=kHVAk96r05Y
REFRACTION OF LIGHT	https://www.youtube.com/watch?v=kHVAk96r05Y
DISPERSION AND SCATTERING OF LIGHT	https://www.youtube.com/watch?v=ZvsQUKyJHmU
WORK, ENERGY AND POWER	https://www.youtube.com/watch?v=65Ytcr-KweQ&list=PLF_7kfnwLFCFS0kOWNHuTvjRxJFKQK5qr
GRAVITATION	https://www.youtube.com/watch?v=J9ct6_8vcGU
HEAT AND DYNAMICS	https://www.youtube.com/watch?v=hjLMk_D0dMk

ELECTRICITY	https://www.youtube.com/watch?v=iH-dDIgES3Y
MAGNETISM	https://www.youtube.com/watch?v=G1a7gPLWlY
SOUND	https://www.youtube.com/watch?v=85WITc7PtYE
MATTER PART I	https://www.youtube.com/watch?v=MLNlnLui1s
MATTER PART II	https://www.youtube.com/watch?v=MLNlnLui1s
NUCLEAR REACTION AND RADIOACTIVITY	https://www.youtube.com/watch?v=fES21EOqebw

BIOLOGY

TOPIC	LINK
HUMAN EYE	https://www.youtube.com/live/vEtCWWG8fLo?si=tspHykkmNfz0Y3Y1
PLANT KINGDOM	https://www.youtube.com/watch?v=0Uor8MxdOeU&list=PLRzoz4Ox-DbpXkOyel8vpMQpOwMu2B86p
ANIMAL KINGDOM	https://youtu.be/3ShkCQXn2-Q?si=e_ikFO0JyGUh6bgI
CELLS	https://www.youtube.com/live/aLe8uTtmAPs?si=E4ca463MZu3MEZDQ
PLANT TISSUE	https://youtu.be/qKIj-jOLma8?si=Yfz0R_KKYbGJm_DZ
ANIMAL TISSUE	https://youtu.be/ucqM2Chxw5A?si=IPdSupWFz-Ece16K
PLANT NUTRITION	https://www.youtube.com/live/ZFVo3jcMZ_s?si=Did2-G2-OHUmIa6y
PLANT REPRODUCTION	https://www.youtube.com/live/ysII5oHylyc?si=3qyuC8p_DJli0pKr
ANIMAL NUTRITION	https://www.youtube.com/live/gA7TwrqClbo?si=COWB_Y02OldEk13u
ANIMAL REPRODUCTION	https://www.youtube.com/live/mterZl_ABgg?si=NfHhaYBDYQR9k-9p
RESPIRATION	https://www.youtube.com/live/Eo7lG1S-Mng?si=icLYGqyhdMN9VISR
MUSCULAR SYSTEM	https://www.youtube.com/live/Z4fs6lGT9c0?si=uGD_F47tVyplrJHV

NERVOUS SYSTEM	https://youtu.be/sZydRs9wOTA?si=x6d57E1ichoUDZzW
SKELETON SYSTEM	https://www.youtube.com/live/IHK_I52hsPk?si=mgc8nqtFKIsJGUqj
VITAMINS AND MINERALS	https://youtu.be/Yt8EAXbrH3Y?si=XYkgRF28r_rzYP71
EXCRETION	https://www.youtube.com/live/3MtNfiUy5_c?si=vsD9w6csdvoAlcB-
HEALTH AND DISEASE	https://www.youtube.com/live/MqglqQFzy_E?si=H8hsiWXP9JhzJcFJ
ENVIRONMENT AND ECOLOGY	https://youtu.be/QWqJv5fGKZA?si=ETDV0nOCuxEKCQAO

BIOLOGY

TOPIC	LINK
MIXTURE & ALLEGATION PART I	https://www.youtube.com/watch?v=QjlxEQ50T3E
STRUCTURE OF ATOM	https://www.youtube.com/watch?v=UyYlH8n8Uyg
PERIODIC TABLE	https://www.youtube.com/watch?v=tup0qyDBU0E&t=14s
ACID, BASE & SALT PART I	https://www.youtube.com/watch?v=mjCji9IXneU
ACID, BASE & SALT PART II	https://www.youtube.com/watch?v=mjCji9IXneU
CARBON AND ITS COMPOUND	https://www.youtube.com/watch?v=NJsRhtwLpaQ
CHEMICAL REACTION, BONDING & SOLUTION	https://www.youtube.com/watch?v=jrJf8dCWgyk
METALS & NON-METALS	https://www.youtube.com/watch?v=Nmzh-Drw3wA

Enshlish

TOPIC	LINK
BASICS OF ENGLISH GRAMMAR	https://www.youtube.com/live/gNJMHyk1zoY?si=h1Z1ivGl-U7cOCd
PARTS OF SPEECH	https://www.youtube.com/live/n2fZR6b1y9A?si=Nh-9C49GeLcosl7
NOUN	https://youtu.be/0sC-fLY1WiM?si=iXRdw-PKqWXLWisN
SYNTAX	https://www.youtube.com/live/BDxcXMNc5Kk?si=j6q2aO9B02FVGrYq
PRONOUN	https://www.youtube.com/live/wxg2DE69brA?si=n2VKJpm4aRXcZ0yt
VERB	https://www.youtube.com/live/aUgK3uNYYV0?si=Gx2UC_r6i-XJbz_q
TIME & TENSE	https://www.youtube.com/live/SFQ0TJ3sjoA?si=9GBeNsRAvBwfnHBR
ACTIVE & PASSIVE	https://youtu.be/TiVzosNUu4E?si=qLY96k4K7oCYNKPc
ADJECTIVE	https://youtu.be/9-dFEBkaWi4?si=eoK-66_yJGunRQTa
ADVERB	https://youtu.be/EkR6k6t1epY?si=oV-joUxQDb2ly2fz
PREPOSITION	https://youtu.be/vC2_hacfr7l?si=Jo-22pzTfZ7FqhtM
CONJUNCTION	https://www.youtube.com/watch?v=4KZjfYxrcQs
ARTICLES	https://youtu.be/XbB3KxP-jH4?si=uNOG2Q3wIEE3fcUu
CONDITIONAL SENTENCE	https://youtu.be/ttQPuSWSaDk?si=NFrw0px9aYNAB4jN
QUESTION TAGS	https://www.youtube.com/live/FM0to7n-G6A?si=Sh9P5EWcP0sn7Ozh
DIRECT & INDIRECT	https://www.youtube.com/live/vHNC6cil3bE?si=hOXZOdJBefwOKsTX
CLOZE TEST	https://youtu.be/gAp6QeBEha4?si=l5BJLppjtLTk47B-
READING COMPREHENSION	https://www.youtube.com/watch?v=7TLJbLkivdM
WORD ARRANGEMENT	https://www.youtube.com/live/hvuKliQ5ZeE?si=SjOAX6kvi1SUzniv

PARAJUMBLED SENTENCES	https://youtu.be/AB1jf3hZ_Fg?si=bFZz5HnFpkdR59L7
SYNONYMS & ANTONYMS	https://youtu.be/yMJ32dTd9c8?si=-z_Rb-RzgtptssAc
IDIOMS & PHRASES	https://www.youtube.com/live/5wnT2yStyv8?si=zZyDiUY4_r6Gw1hq
ONE WORD SUBSTITUTION	https://youtu.be/NoNFAPhEuPQ?si=mjwksx260NvV2wf6

ECONOMICS

TOPIC	LINK
NATIONAL INCOME PART I	https://www.youtube.com/live/AVf-uWZ34nE?si=qVtQD-xOmCLN09Lf
MONEY & TYPES OF MONEY	https://www.youtube.com/live/xbe5b0cdw84?si=NAIiVlQLE6z3otoG
INFLATION	https://www.youtube.com/live/hZBfOgld-TE?si=f7QTKYg3LmL59Q0l
BANKING & TYPES OF BANKING	https://www.youtube.com/live/qqNo_iOigno?si=tLpaG5ZUPWfIWZoM
PLANNING IN INDIA	https://www.youtube.com/live/LeK2cR2w-NI?si=IHs4YcVbl-vuOiFO
UNEMPLOYMENT & POVERTY	https://www.youtube.com/live/8igUrb1_uu0?si=fnDBVpZ4tySc1F4F
PUBLIC FINANCING	https://www.youtube.com/live/v1f025g4FHU?si=jrCepU6eS0yJLqfC
TAXATION & EXTERNAL SECTOR OF INDIA	https://www.youtube.com/live/kT32SurwUtl?si=G35FmPrdiWA3cDU5



NATIONAL DEFENCE ACADEMY(NDA)

ABOUT THE WINNING EDGE DEFENCE ACADEMY

Weda was established in September 2019 by Col. Amardeep Singh SM (Retd.) In a short span of 6 years Weda has achieved remarkable success in preparing candidates for various defence entrance exams and interviews. It has experienced faculty, well-trained support team and the best curated content. Weda has developed and finetuned hybrid learning program to fit into your budget and timeline. The courses are available in offline, online and pre-recorded digital formats.

With WEDA Defence Plus, the journey to Khadakwasla begins here-

1. Online NDA and CDS Course

(a) Integrated Course (4 years – class 9 to 12) (NDA)

- NDA and JEE Mains + Board Exam 10th and 12th Online/Offline at Dehradun
- Batch starts in April.

(b) Foundation Batch (NDA)

- 11th and 12th (2 years NDA & 12th Board exam) – online/offline at Dehradun
- Batch starts in April.

(c) Target Batch (NDA & CDS – 6/5 month)

- Students of class 12th and 12th pass
- September to March (for NDA 1 & CDS 1)
- April to September (for NDA 2 & CDS 2)

(d) Crash Course (60 Days) – NDA & CDS

- Starts two months before the exam
- Quick revision of important topics and mock test series

(e) Mock Test Series (15 Days) – NDA & CDS

- 5 Mock Paper with written and video solution
- 3 PYP with written and video solution
- Marathon Doubt Sessions.

1. Digital Products (Launch online: March 2026)

(a) Recorded courses for NDA and CDS on the Winning Edge app

(b) Books, Mock Tests and PYPs Digital and recorded courses (coming soon)

1. Our printed books for NDA, CDS, AFCAT, ACC, TA and SSB will be available on <https://wedabooks.com> from March 2026.





NATIONAL DEFENCE ACADEMY(NDA)

2. Free Resources

WEDA Defence Plus YouTube & Telegram Channel

- a. Content – NDA, CDS, AFCAT, INET, TA, ACC, CAPF (AC & SI), SSB, Interview.
- b. Informative videos about Life in the Armed Forces
- c. Daily quiz and monthly test.
- d. Motivational – Stories from Academic and Army life
- e. Weekly Current Affairs (Live session on Youtube).
- f. Marathon Crash Course

Social Media Links

1. Facebook: <https://www.facebook.com/profile.php?id=61577878833636>
2. Instagram: <https://www.instagram.com/thewinningedgedefence/>
3. YouTube: <https://www.youtube.com/@thewinningedgedefenceplus>
4. LinkedIn: <https://www.linkedin.com/company/the-winning-edge-dehradun>
5. Telegram: <https://t.me/WEDANDA>

