

A. National Defence Academy-NDA

NDA is not just about men who have achieved greatness in peace or war but is about the indomitable spirit of all those who have been enriched by its ethos and who in turn have left behind a part of their souls to make it the wonderful, vibrant and much admired entity that it is today. It is to impart combined training to Officer Cadets of Army, Navy and Air Force. NDA provides the highest standards of focused training in the professional, intellectual, physical, and leadership spheres as well as moral and ethical grooming to cadets. In doing so, it makes use of innovative concepts, technologies, corporate and modern practices with a view to providing the Armed Forces, competent potential leaders with high standards of integrity, capable of leading troops to victory.

All the cadets joining the NDA after their 10+2 Examination, are trained in the Academy for three years culminating into graduation in B.A/B.Sc. or B. Sc. (Computer Science) degree of Jawaharlal Nehru University. Apart from academic training they are also trained in outdoor skills, like Drill, PT and games. The emphasis in NDA is on character building, esprit-de-corps, mental and physical robustness, leadership and a sense of keen observation. NDA has an excellent infrastructure for all-round training of cadets and vast array of facilities like spacious and well maintained classrooms, well equipped labs, two Olympic size swimming pools, a Gymnasium, 32 football grounds, polo grounds, a cricket stadium and a number of squash and tennis courts. The academic year is divided into two terms, viz. Spring Term (January to May) and Autumn Term (July to December). Here a cadet has to undergo training for six terms before he passes out from NDA.

B. Selection Procedure:

Eligibility Criteria

- Candidates who have cleared 10+2 and those who are still pursuing can also apply.
- Those who had taken Physics & Mathematics in Class 12th can apply for navy and air force.
- Candidates appearing for the exam must be bachelors. They must be between 16 1/2 to 19 years on January 1st or July 1st of the year subsequent to the year of the exam
- Non-permanent citizens of India are not allowed to apply
- Nationalities of Nepal, Bhutan and Tibetan refugee can apply only if they have migrated to India with a purpose to become permanent citizens of India prior to January 1st month year???
- In case candidate's origin is from India but actually migrated from either neighbouring countries of India or East African nations like Uganda and Kenya can also apply provided they are planning to permanently settle in India.
- Gorkha category of Nepal need not submit any proof

Physical Standards

Any candidate whose height is not within 157.5cms to 162.5cms cannot apply for Air Force wing. Candidates whose chest is less than 81cms cannot apply. Candidates should have proper eye-sight. They should not be overweight or under weight

Scheme of the Examination

The subjects of the written examination, the time allowed and the maximum marks allotted to each subject are

as follows:

Subject	Code	Duration	Max Marks
Mathematics	01	2 1/2 hours	300
General Ability	02	2 1/2 hours	600
			900

Syllabus for Entrance Examination

- Paper I-Mathematics
Arithmetic, Mensuration, Algebra, Geometry, Trigonometry, Statistics.
- Paper II - General Ability
Part A - English
Part B - General Knowledge
Section A (Physics)
Section B (Chemistry)
Section C (General Science)
Section D (History, Freedom Movement etc)
Section E (Geography)
Section F (Current Event)

Note : Out of the maximum marks assigned to Part B of this paper, questions on Sections A, B, C, D, E and F carry approximately 25%, 15%, 10%, 20%, 20% and 10% weightage respectively.

Intelligence and Personality test

After clearing the written exam the candidate has to go through verbal as well as non-verbal intelligence tests. This Intelligence and personality test includes activities such as Group Discussion and other outdoor group tasks. Sometimes candidates are also instructed to prepare and deliver lectures on specific subjects.

Detailed Syllabus for NDA Examination

Mathematics

- Algebra
- Analytical Geometry of two and three dimensions
- Differential Calculus
- Integral Calculus and Differential equations
- Matrices and Determinants
- Probability
- Statistics and
- Trigonometry
- Vector

English

- Antonyms
- Comprehension
- Error in Sentences
- Idioms and Phrases
- Jumbled Words

- Misspelled words
- One word Substitution
- Synonyms
- Vocabulary Test

General Knowledge

- A broad survey of Indian History
- Achievements of Eminent Scientists
- Current important events
- Elementary knowledge of Five Year Plans of India
- Elementary study of Indian Constitution and Administration
- Freedom Movement in India
- Panchayati Raj, Co-operatives and Community Development
- Prominent personalities

Chemistry

- Acids and Alkalies
- Concepts in Chemistry
- Organic and Inorganic Chemistry

Geography

- Ocean Currents and Tides
- Atmosphere and its composition
- Important Sea ports and main sea
- Origin of Earth

Physics

- Electricity and Electronics
- Motion & Laws
- Optics

Biology (as a part of general science)

- Basis of Life-Cells, Protoplasm's and Tissues
- Difference between the living and non-living
- Elementary knowledge of human body and its important organs
- Food-Source of energy for man
- Growth and Reproduction in Plants and Animals

Physical standards

- The minimum acceptable height is 157.5 cms. (162.5 cms. for Air Force) for Gorkhas and individuals belonging to hills of North Eastern regions of India, Garhwal and Kumaon, the minimum acceptable height is 5 cms less. In case of candidates from Lakshadweep the minimum acceptable height can be relaxed up to 2 cms.
- Person with chest less than 81 cms (fully expanded) are not eligible.
- Candidate should have a proper eye sight. Your vision in one eye must be perfect - 6/6. However, imperfection in one eye of 6/9 is acceptable which must be correctable to 6/6
- Should not be overweight or under weight. He should not have weakly constitution.
- There should not be any disease of bones or joints of the body.

How to Apply

Applications can be submitted both online and offline method.

There is a common form for all UPSC exams. In the prescribed form, a candidate has to indicate the exam he/she has applied for. Forms are available in selected post offices across the country. As soon as the application forms are received and processed, the candidates will be sent an admit card. Candidates who belong to reserved quota can post their applications along with concession proof.

Rules for Reservation

No relaxation is available to students of any category in the National Defense Academy.

How to fill the Form

On-line applications are available at <http://www.upsconline.nic.in/> The Process of filling the form is given below. Candidates should follow the instructions given in the site to fill the two stages Part I and Part-II.

On-line

Applications can be done:

- By submitting in any branch of SBI by cash
- By net banking facility of SBI
- By Visa/Master Credit/ Debit Card

Before filling the form, candidate's scanned recent photograph and signature in the .png format is required. The file size should not be more than 40KB. The notification date can be filled in the second part of the form

Off-line

Candidates applying offline need to carry certain things. The candidates should fill the form themselves. The forms are processed on computerized machines; candidates should handle the forms very carefully. HB pencils should be used for darkening the circles. Entry in the boxes can be made through black or blue pen. Candidates please note that both of these fields must be filled very carefully so that there is no difference between the two entries

Important Dates

Notification for NDA I Exam:

- Notification: October.
- Last date of submission of form: November.
- Examination: April.

Notification for NDA II EXAM:

- Notification: April
- Last date of submission of form: May
- Examination: August

A. Classroom Coaching

Our courses are tailor – made keeping into view the “Objective” in mind. We guide each and every student in a most scientific way through “one to one” approach. The highlights of our classroom coaching are:-

- **Highly experienced and competent faculty**

The faculty is highly experienced with 15 to 20 years of experience in their respective field. The faculty

people are from the education industry itself and are best in their field who had been employed as professors or lecturers in esteemed educational institutions.

- **Printed assignments and notes**

Students are provided with printed assignments and notes apart from the information imparted during the lectures.

- **Class test after completion of each topic**

Class test after completion of each topic in the class gives a self evaluation to the student giving him an idea about his preparation in relation to the topic.

- **Very similar test (VST)**

VST or very similar test as the name suggests are designed focusing on the examination pattern.

- **Personalized coaching**

Personalized coaching is provided especially to the weak students in the form of D.R.S (doubt removal sessions). These sessions are organized on regular basis and also as per the needs and requests of the students.

- **Special Interview Classes**

Special interview classes are held to assist student in the recruitment process as well as to provide the candidate with a cutting edge over other candidates. The candidate is provided with a mock of the interview which he/she will have to face during interview. The Mock Interview Board comprises of the people who are well versed with the interview process and the people from recruitment board of various selection boards.