



WORLD OF WORK SERIES

CAREER OPPORTUNITIES IN DEFENCE SERVICES



CAREER STUDY CENTRE
CENTRAL INSTITUTE FOR RESEARCH AND TRAINING
IN EMPLOYMENT SERVICE (DGE&T)
MINISTRY OF LABOUR AND EMPLOYMENT
GOVERNMENT OF INDIA
A-49, Sec.-62, NOIDA UP.



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PREFACE

The Career Study Centre of Central Institute for Research and Training in Employment Service is engaged in the development of Career Literature for use of students, parents, job-seekers, vocational guidance personnel and teacher counsellors etc. These publications are being used by vocational guidance personnel and teacher counsellors to provide effective Vocational Guidance and Career Counselling to the students and Job-Seekers at schools, colleges and Employment Exchanges.

Associated with patriotic fervour and strong rules of discipline, the defence services have become a respectable career option for young men and women. Indian Armed forces have a reputation of being one of the finest in the world and offer a very challenging and attractive careers for Indian youth. The defence tag has tremendous value and can open up a sea of opportunities. Earlier opportunities for women in defence services were limited to the medical profession as Doctors and Nurses, over the years the intake of women into the Armed Forces has seen a steady increase in various non-combat fields such as education, logistics, law and even technical departments. Therefore, keeping in view the demand and available career opportunities for youth in defence services, an effort has been made to prepare this publication.

Sincere efforts have been made to provide latest information in respect of the details of three defence services and also the career opportunities available in these services viz. Indian Army, Indian Navy and Indian Airforce.

It is hoped that this information will be found useful to the students and job-seekers in planning their career.

Suggestions for improvement are welcome.

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INTRODUCTION

The choice of a career is the most pressing problem that confronts every educated young man and his parents, as they are anxious to ensure that the profession on which he embarks is rewarding, interesting and progressive. Many people are not aware that to a young man, the armed forces offer a promising career having all these qualities. Services in the armed forces not only broaden the mind of a person but also develops his character and inculcate moral values. The defence services not only equip a man with a physically fit and mentally sound body but also satisfies the needs of modern life. It creates the thrilling power, develops national spirit and objective thinking for safeguarding the freedom of a nation. It makes him physically tough, mentally alert and technically skilled to face the realities of scientific warfare. This career is open to the youth of all classes and communities. Anyone who fulfils the conditions of eligibility can apply for a commission in the armed forces.

The armed forces whose main concern is to safeguard the country from outside aggression are sometimes called out for controlling lawlessness or riots within the country on specific request from the civil authorities. The services should normally be asked to do these tasks for short periods so that their basic task of 'war preparedness' does not suffer. The Army has, however, been deployed for long spells to combat insurgencies in the Northeast, Jammu & Kashmir and Punjab. The armed forces also provide immediate and effective help to people during natural or man-made calamities.

A long time has passed since our independence but the knowledge of the layman about the armed forces is very hazy. A common citizen knows very little about the structure and organization of his/her own Army, Navy or Air Force. Through this publication an effort has been made to provide some basic information and career opportunities available in our armed forces for the deserving youth. This publication will also prove to be effective in creating awareness among the youth about the armed forces and motivate them to opt for these forces as their careers.

ROLE OF ARMED FORCES

The primary or main role of the armed forces is to defend our country from external attacks and the aggressive designs of our enemies. To achieve this task a standing strength of armed forces with suitable weapons, equipment and manpower ever ready to deal with our enemies on land and in sea and air is required.

The secondary role of the armed forces is to provide aid to the civil authorities whenever required due to internal problems or natural calamities like flood, draught, out-break of communicable diseases, earthquake etc.

To fulfill the primary role all the three defence services Army, Navy and Air Force have been divided into several branches or departments. Those are required to go in close combat with the enemy on land, in sea and in the air form the 'combat elements'. Those who support these troops in combat are called 'supporting arms'. The supporting services carry on administrative and supply jobs.

The three branches of the armed forces work in coordination to each other to defend the country's sovereignty, however each branch has to specify functions, which are briefly given as below.

1. The Indian Army

Defends the territorial integrity of the country against external & internal threats, and provides aid to the civil authorities during natural calamities, and also helps in maintenance of law and order as and when required.

2. The Indian Navy

It is responsible for defending the extensive coastline of the country during the times of aggression, safeguarding maritime interests such as off-shore oil & gas installations, coastal shipping and fishery rights, and also protecting vital trade links.

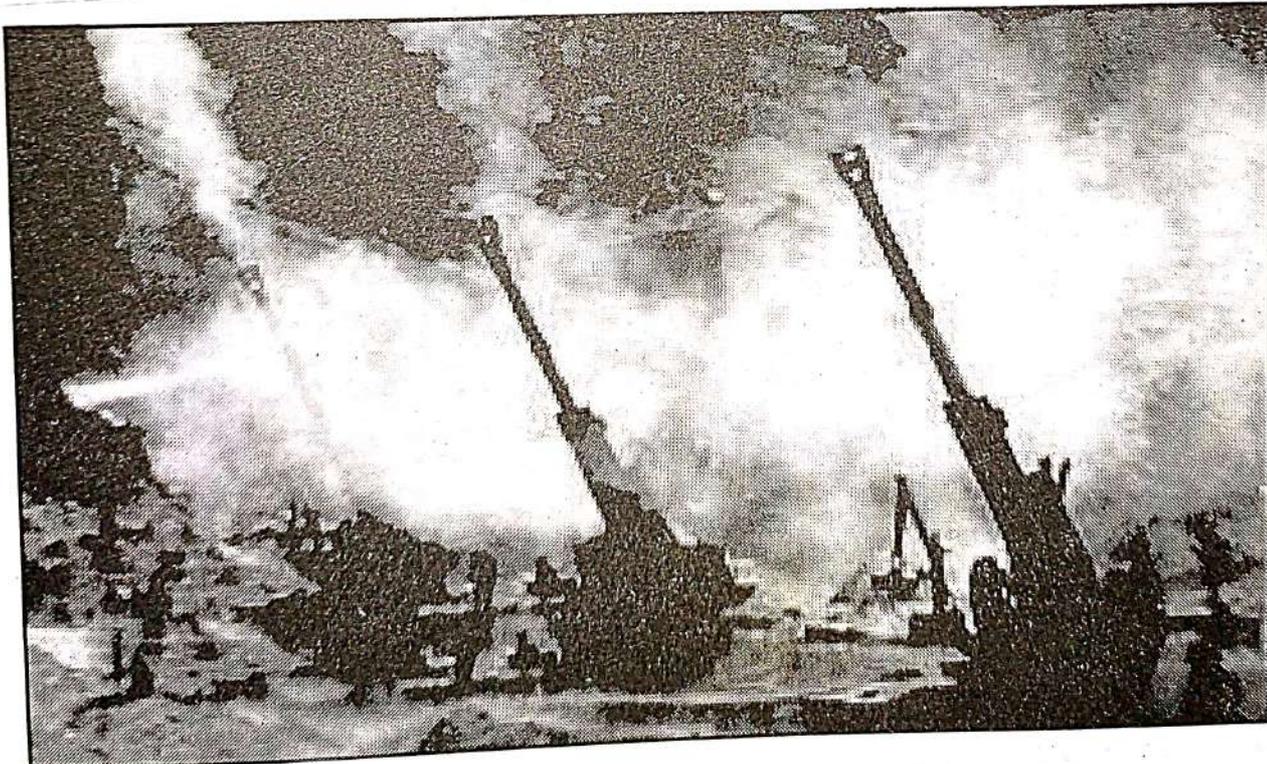
3. The Indian Air Force

With it's 45 squadron strength, handles the air defence of the country, playing offensive and defensive roles. The Air Force provides protection to the Armed as well as Naval Forces.

I. INDIAN ARMY

CONTENTS

- (A) Historical Background of Army
- (B) The branches of the Army
 - (a) Non Technical (Teeth Arms)
 - (b) Technical (Teeth Arms)
 - (c) Administrative & Support Branches
- (C) How you can directly enter into officer's cadre
 - (a) Permanent Commission
 - (b) Short Service Commission
- (D) Entry into Different Academies and Eligibility Requirements
- (E) Different Ranks of Indian Army
- (F) Recruitment of other ranks In Indian Army
- (G) Direct Permanent Commission/Short Service Commission in Army Dental Corps
- (H) Army Medical Corps as Short Service Commissioned Officer
- (I) Armed Forces Medical College
- (J) Military Nursing Service



(A) Historical Overview

In 1902, when Lord Kitchner took over as Commander-in-Chief of the Army it was reorganised as a regular force. By 1914 at the time of the outbreak of First World War the strength of Indian Army had reached approximately 1,50,000. By the time the Second World War started in 1939, the strength of Indian Army had risen to 1,89,000. In 1947, with the partition of the country, two-thirds of the strength remained with India and one-third with Pakistan. On the eve of our independence the strength of undivided Army was nearly two and a half million.

Indian soldiers served all over the world during the British regime. They fought from China in the East to France and Africa in the West. They fought bravely during 1914-18 and 1939-42, during the First and Second World Wars respectively. The tales of their valour spread from China in the East to Iraq, Africa, Italy and France in the West. The secret of success of Indian Army has been its unflinching sense of duty, discipline and traditions of valour. On 15th January 1948 Lieutenant General K. M. Cariappa became the first Indian Commander-in-Chief (C-IN-C) and 15th January is now celebrated every year as Army Day. On this occasion the Chief of the Army Staff takes the salute at the Army Day Parade in Delhi cantonment. This is a grand parade held just before the Republic Day Parade.

(B) The branches of the Army :-

(a) Non Technical (Teeth Arms)

(i) Armoured Corps (ii) Artillery (iii) Infantry

The Armoured Corps

It consists of tank units that spearhead battle formations, rapidly and can fire with main guns to destroy tanks and fortifications. These are constituted by armoured regiments which destroy enemy tanks or used in attacking the enemy. This is one of the most prestigious arm of the army, used for enemy reconnaissance for gathering tactical information and countering any airborne landing of the enemy.

The Artillery

It plays a vital role in bringing down heavy fire on enemy positions with guns of a range upto 30 Kms. The artillery is responsible for providing ground fire support to the infantry and armoured division during war. Artillery has two sub-divisions: first is air defence guns and missiles which are used for defending

vulnerable targets from enemies air attack like air fields, vital defence installations, installations of economic and catastrophic importance such as dams, nuclear power houses, etc.. Second division is equipped with field guns, rockets and tactical missiles which are used for ground fire support to infantry or armoured regiment.

The Infantry

Infantry fights the enemy on foot by using rifles, stenguns, grenades, machineguns, mortars, small rockets, etc.. It holds the ground by physically occupying it during invasions or defends the ground and borders during peace. For high mobility there are armoured personnel carriers and other vehicles.

In addition to the combat arms there are also special branches in the non-combatant areas. These include

(b) Technical (Teeth Arms)

- (i) Corps of Engineers
- (ii) Corps of Signals
- (iii) Corps of Electrical & Mechanical Engineers.

Corps of Engineers

These armed personnel help in rapid movement of the three arms by building roads, bridges, airfields and destroying enemy bridges, putting obstacles for enemy movement, laying minefields for their defence and destroying enemy minefields. They construct camps and accommodations for troops, prepare helipads, roads, electric power stations for camps. They do survey work, make maps and destroy unexploded bombs

Corps of Signals

Signals personnel provide, operate, maintain communication link between all troops in the battle field, all army establishments between other arms and civil requirements as per army's need. They also specialize in control of electronic warfare . Modern, rapid and accurate communication are an essential part of army weapon system.

Electrical Mechanical Engineers

Troops of this service are concerned with servicing, maintenance, repairs and fabrication of technical equipments from rifles to vehicles, missiles, tanks, other weapons, communication equipment, helicopters, electric equipments in fact all what army requires and can be used after repairs is the concern of EME. The working staff includes Mechanical Engineers, Electrical/Electronic Engineers, Aeronautical Engineers, Electronics and Communication Engineers.

(c) Administrative and Support Branches

- i. Army Service Corps (ASC)
- ii. Army Postal Service (APS)
- iii. Army Medical Corps (AMC)
- iv. Army Ordnance Corps (ASC)
- v. Remount & Veterinary Corps (RVC)
- vi. Army Education Corps (AEC)
- vii. Intelligence Corps (INT CORPS)
- viii. Judge Advocates Generals Department (JAG's Dep)

The Army Service Corps

Army Service Corps personnel are involved in the mobility of troops, vehicles, food, petrol, and other fuels, arms and ammunitions, movement of men and material by train and port operations. They also provide rations for troops, clothing, fuel and ammunitions and are responsible for storing them. They are in charge of field postal services in forward areas and also have courier services for carrying classified documents.

Postal Services

This branch looks after the postal needs of army, their men and families. All non classified and personal mail, money orders and parcels etc. are sent from or to forward areas through these services.

Army Medical Corps

Medical Officers provide medical care for all three services personnel and their families, and provide advice for an occupational and community medicines. They manage the hospitals, clinics, and MI rooms. Army trains its own doctors,

nursing officers and para medical staff at Pune and other large hospitals. They also enroll doctors and dental surgeons trained in other medical colleges.

Army Ordnance Corps

These army personnel are responsible for procurement, storage, maintenance and issue of all types of hardware, i.e. from tanks, weapons, ammunitions to tents and personnel clothing, etc. They also store and preserve ammunitions, missiles and bombs etc.

Army Remount Veterinary Corps

For supporting its troops army runs dairy farms and a few agricultural farms. For carrying guns and heavy load of ammunitions, rations, etc. to high attitude they need special breed of mules and for trekking enemy spies and infiltrators specially trained dogs. For maintaining and running these establishments they need trained agriculturists and Veterinary Surgeons. These officers run military farms and other animal stables.

Army Education Corps

Further education and teaching is essential for troops so that they can keep pace with the advancement in technology, weapon systems, electronics and computerization etc. Education officers and other JCOs are enrolled as teachers for educating the troops and officers.

Army Intelligence Corps

Officers of this branch interpret and analyse information gathered through various sources so as to know what the enemy is likely to do. Personnel of this branch specialize in signal intelligence, Photographic interpretations, decoding of coded messages, combat and protective security etc.

Judge Advocate general branch

Law graduates are enrolled directly for providing legal help to many for dealing with civil cases and for disciplinary actions against serving personnel. Legal officers advise on evidence for court martial, drafting charges and conducting prosecution. They also provide general legal advice to staff.

(C) How you can enter into Officers' cadre.

You can directly make your entry into the officers' cadre after completing your schooling i.e 10 +2 or after graduation. You have to compete either for

Permanent commission or short service commission. The brief descriptions of the same has been made as follows.

(a) Permanent Commission

When you opt for "Permanent Commission" you are basically looking at a career in the Army. A career till you retire. **National Defence Academy and Military Academy** are the two institutions that you can join for a permanent commission.

(a-i) National Defence Academy, Pune.

NDA houses some of the finest infrastructure for professional Army training in the country. It gives you innumerable opportunities to develop your personality and cultivate new interests. In fact, you can choose from 31 different extracurricular activities including aero modelling, golf, gliding, sailing, wind surfing, astronomy etc...

You can take the NDA entrance examination when in class XII. Once you clear this examination, the next step is a Service Selection Board(SSB) interview, which will last for 5 days. The last step in the process is a medical test. **Note: For details of NDA examination see at page No 64**

(a-ii) Indian Military Academy, (IMA) Dehradun.

IMA is another cradle of leadership that trains it's men to lead from the front. Valour and wisdom is what exudes from every Army officer who passes out IMA.

Admission can be taken in your final year of college, by clearing the Combined Defence Services Exam. If you are a Gentleman Cadet(Graduate from NDA) or a Technical (Engineering) graduate, then your training at IMA will last one year. Alternatively, under the Graduate Direct Entry Scheme (If you are a Graduate in any other stream), your training will last for one-and half years.

Note: For detail of CDSE see page no. 71

(a-iii) Direct Entry through SSB interview for those who secure more than 70% in Physics, Chemistry and Matematics (PCM)

You can also apply after passing 10+2 examination with at least 70% marks aggregate in Physics, Chemistry and Mathematics. If you have the eligibility criteria, you will be sent directly to the SSB, after the SSB interview, the Recruiting Directorate will put up a merit list. Selected candidates are inducted for one year Basic Military Training at IMA. This would be followed by a four years degree

course in engineering from College of Military Engineering, Pune/ Military college of Telecommunication Engineering, Mhow/ Military college of Electronics & Mechanical Engineering, Secunderabad. The total duration of the training is five years. On completion of four years of training, a commission in the rank of Lieutenant is granted. For a degree in Engineering, however, you will need to successfully complete the stipulated 5 years of training. When you pass out of IMA, you will be commissioned as a lieutenant in the Indian Army.

(a-iv) University Entry Scheme (UES)

Final and pre final year students of Engineering Degree course aged between 19-25 yrs can apply through University Entry Scheme notified by Additional Directorate General Recruiting, Army HQs in the month of May every year. Initial screening is done through campus interview and thereafter SSB interview and medical test.

(a-v) Technical Graduate Course (TGC)

Married and unmarried BE/B.Tech graduates with age between 20-27yrs can apply through Technical Graduate Scheme for direct SSB interview. First or High second class in MA/M.Sc age between 23-27yrs can apply in Army Education Corps and M.Sc in Agriculture age between 20-27yrs may apply for Military Farms under the Technical Graduate Course entry. Additional Directorate General Recruiting, Army HQs, is notifying vacancies twice a year in the month of April and October for direct interview and medical test.

(b) Short Service Commission (SSC)

The Indian Army has a wonderful alternative for all those of you who aspire to serve it for a few years. It is called Short Service Commission. It gives you the option of joining the Indian army, and serving as a Commissioned Officer for 10 years. Once your tenure is over, you are allowed to opt for Permanent commission. Alternatively, you can also ask for 4 year extension after 10 years of service. You can choose to resign from your post any time after completion of 5 years. With Short Service Commission, you will have the best of both services & civil worlds. Even as it gives you the privileges and benefits of a full-fledged commission you will be imbuing qualities that will make you an invaluable asset to any organization that you join after the Army. Analytical thinking skills, planning ability, Administrative powers, Organisational talent will make you a leader for life.

(b-i) Officers Training Academy, (OTA), Chennai.

OTA, Chennai is where you go for training once you are selected for the Short Service Commission.

- The selection procedure is a written examination followed by SSB interview and the medical test.
- If you are a technical graduate you need not take the written examination. Once your application is screened and short listed by the Army Head Quarters, you can directly go in for the SSB interview and medical examination.
- In case you have done NCC and acquired at least B grade in NCC "C" Certificate and you have at least 50% aggregate in your graduation, you may apply for the NCC (Spl) entry. Your application will be screened by the NCC unit head quarters and short listed, you may go direct for SSB interview and medical examination.
- Some vacancies are also earmarked for wards of Battle casualties who need not have done NCC.

Training at OTA will last for 10 months approximately. During this training there is an ample opportunity to pursue interesting activities like skeet shooting, golf, riding and angling.

(b-ii) Short Service Commission (Technical) Men

Married and unmarried Technical (Engineering) Graduate willing to join SSC don't need to take written exam. Vacancies will be notified by Additional Directorate General Recruiting, Army HQ twice a year in the month of April and October. Age eligibility is 20-27 yrs. Once your application is screened and short listed by the Additional Directorate General Recruiting at Army HQs, you can directly go in for the SSB interview and medical examination.

(b-iii) Judge Advocate General (JAG) Entry

There are special entries for SSC. Married and unmarried Graduates in LLB/LLM with 55% marks and registered with Bar Council of India/State and aged 21-27yrs may apply in Judge Advocate general Entry. Graduates in any discipline with 50% aggregate marks and 2yrs service in NCC Senior Div. Army Wing with minimum "B" grade in "C" certificate exam may apply in NCC Special Entry Scheme. Applications are to be routed through NCC

Units/ Group Headquarters. Both JAG and NCC Special Entry Scheme have direct SSB interview.

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(b-iv) Special Entry Scheme For Women (Officers)

Indian Army recruits Technical and Non-Technical women as a Short Service Commission Officer. Previously women entry in the Army was named as Women Special Entry Scheme (Officer) WSES (O) which has been closed. SSC (Women) has commenced with effect from April 2008 course onwards. Selected candidates will get trained at OTA, Chennai for a period of 11 months. On successful training, the lady cadets will be commissioned as lieutenants in various Arms/Services.

- **Technical [SSC(T)]:** If you are a BE/BTech graduate and aged between 19 - 25, you can directly apply to Additional Director General Rtg. In response to notification published in Employment News and other national dailies during December every year.
- Graduates in B.Sc(PCM) with min 60% and aged between 19 – 25 are also eligible to apply for this Women Special Entry Scheme(Technical Scheme)
- **Non Technical [SSC(NT)]:** Graduates in any discipline or while studying in final year graduation aged between 19-25 years have to apply for written examination in response to advertisement under the aegis of Combined Defence Service Exam conducted by UPSC twice in a year during the month of February and September or a Post Graduate in the notified stream are eligible to apply for this SSC(NT).
- On qualifying the written examination conducted by UPSC, the candidates are called for SSB interview and medical test.
- **NCC Special Entry :** Graduate in any discipline with 50% aggregate marks and 2 years service in NCC Senior Wing (Army) with minimum "B" grade in "C" certificate exam may apply for Short Service Commission through NCC Special Entry Scheme (Non-Tech) Women. Applicant should be 19-25 yrs. You can apply in response to notification issued by Additional Directorate General Recruiting, Army HQs twice a year in the month of June and December and application is to be routed through NCC Units/Group Headquarters.

(D) Entry Into Different Academies and Eligibility Requirements

Type of entry	Month of commencement of course	Age at the time of joining	Educational Qualification	Mode of Selection	How to apply
1	2	3	4	5	6
National Defence Academy (NDA)					
	January and July	16½ — 19 yrs	12th standard of 10+2 system of education or equivalent	NDA Exam by UPSC and SSB interview	Apply in response to advertisement in Mar/Apr & Oct/Nov.
Indian Military Academy (IMA)					
a) Direct Entry	January and July	19-24 yrs	Degree or equivalent at the time of joining the course	Combined Defence Service Examination (CDSE) conducted by UPSC and SSB interview	Apply in response to advertisement in Mar/Apr & Sep/Oct.
b) Technical Graduate Course (TGC)	January and July	20-27 yrs	Engineering Degree in notified discipline	SSB interview	Apply in response to advertisement in Mar/Apr & Sep/Oct.
i) Engineering Graduates					
ii) Post Graduate AEC (Army Education Corps)	January and July	23-27 yrs	Post Graduate in notified subject with 1st /2nd div.	SSB interview	Apply in response to advertisement in Apr/May.
c) University Entry Scheme (UES)	July	19-25 yrs(FY) 18-24 yrs(PFY)	Final and Pre-final year students of Engineering degree course	Campus interview and SSB interview	Apply in response to advertisement in Apr/May.

1	2	3	4	5	6
d) 10+2 Technical Entry Scheme (TES)	January and July	16 ¹ / ₂ to 19 ¹ / ₂ yrs	10+2 pass with 70% aggregate in PCM	Apply directly to the recruiting	Apply in response to advertisement in Apr/Sep.
Officers Training Academy					
a) Short Service Commission (Non- Technical)	Apr & Oct	19-25 yrs	Degree or equivalent at the time of joining the course	CDSE conducted by UPSC and SSB interview	Apply in response to advertisement in Mar/Apr & Sep/Oct.
b) Short Service Commission (Technical)	Apr & Oct	20-27 yrs	Engineering Degree in notified disciplines	SSB interview	Apply in response to advertisement in Mar/Apr & Sep/Oct.
c) Short Service Commission (NCC special) scheme)	Apr & Oct	19-25 yrs	Graduates with 50% aggregate marks, two years service in NCC Sr. Division, Army, with minimum "B" grade in "C" certificate exam	SSB interview	Apply in response to advertisement in Dec/Jan & Jun/Jul.
Special Entry Scheme For Women (Officers)					
d) Short Service Commission (Women- Technical and Non- Technical)	Apr & Oct	19-25 yrs (non- tech) 21-27 (PG)	Graduate/ Post Graduate/ LLB/ Professional Engineering Graduate	SSB interview	Apply in response to advertisement In Jun and Dec.
JAG Judge Advocate Generals Deppt.	Oct	21-27 yrs	Graduates with LLB/LLM with 50% marks. Registered with Bar Council of India.	SSB interview	Apply in response to advertisement in Nov/Dec.

Method of Selection (More Details)

- Initial Screening and short listing of applicants will be done at Recruiting Directorate Army Head Quarters.
- Candidates whose applications are found in order shall be dealt to appear at the Service Selection Board.
- **Service Selection Board Interview Procedure :** Selection Centers for Army are located at Allahabad, Bangalore and Bhopal. SSB Tests are conducted over a period of five days by a team of three assessors: Interviewing Officer (IO), Psychologist (Psych) and Group Testing Officer (GTO).
- Five day Schedule is: **Date of reporting**..... Documentation, **First day**.....Stage-1 (Screening Test), **Second Day**.....Psychological Tests and Interview, **Third and fourth Day**..... Outdoor tests by Group Testing Officer and interview, **Conference Day**.....Conference and announcement of SSB results.
- The candidates who qualify at the SSB and are found medically fit by a medical board will be placed in order of merit.

Note: If you are declared unfit in Special Medical Board (SMB) you may apply for appeal Medical Board (AMB) to Additional Directorate General Recruiting by depositing ₹40/- Military Receivable Order (MRO) through bank along with application for AMB within 42 days from SMB. Again if you are unfit in the AMB, you can request for Review Medical Board (RMB) to Additional Directorate General Recruiting within one day of completion of AMB. However, grant of RMB is under the discretionary power of Director General Armed Forces Medical Services.

Physical Standard and Efficiency required

(i) Height & Weight Standards for Technical Graduate Course (TGC) / SSC (T) entry

Height in Centimeters (without shoes)	Weight in KG's		
	18Yrs	20Yrs	22Yrs
152	44	46	47
155	46	48	49
157	47	49	50
160	48	50	51
162	50	52	53
165	52	53	55
168	53	55	57
170	55	57	58
173	57	59	60
175	59	61	62
178	61	62	63
180	63	64	65
183	65	67	67
185	67	69	70
188	70	71	72
190	72	73	74
193	74	76	77
195	77	78	78

Height & Weight Standards for 10+2 Technical Entry Scheme (TES)

Height in Centimeters (without shoes)	Weight in KG's			
	16-17yrs	17-18yrs	18-19yrs	19-20yrs
152	43	44	45	46
155	44	45	47	48
157	45	47	48	49
160	46	48	49	50
162	48	50	51	52
165	50	52	53	54
167	51	53	54	55
170	52.5	55	56	57
173	54.5	57	58	59
175	56	59	60	61
178	58	61	62	63
180	60	63	64.5	67
183	62.5	65	66.5	68

Visual Standards

The minimum acceptable visual acuity are: Distant vision (corrected) better eye 6/6, worse eye 6/18, myopia of not more than minus 3.50 including astigmatism.

Physical Fitness Standard

- Running: 2.4 Kms in 15 mts
- Push Ups: 13Nos
- Sit Ups: 25Nos
- Chin Ups: 6Nos
- Rope Climbing: 3-4 Meters

E. Different Ranks of Indian Army

- | | |
|-------------------------|---------------------------|
| (i) Lieutenant | (vi) Brigadier |
| (ii) Captain | (vii) Major General |
| (iii) Major | (viii) Lieutenant General |
| (iv) Lieutenant Colonel | (ix) General |
| (v) Colonel | |

F. Recruitment of other ranks in Indian Army

Recruitment in the Army is broad based. Every male citizen, irrespective of caste, class, religion and region, is eligible for recruitment into the Army, provided he meets the laid down age, educational, physical and medical standards.

Recruitment in the Army is carried out through out the year through an open rally system. The recruitment programme is published in local newspapers, two weeks prior to the conduct of the rally by the concerned Zonal Recruiting Offices. The process of screening and enrolment is as follows.

- Checking of documents
- Physical measurement
- Physical fitness test
- Written Examination
- Medical Examination
- Preparation of merit list
- Enrolment and Dispatch of selected candidates to training centers.

(f-i) Category of entry and their eligibility conditions (other Ranks in Indian Army)

CATEGORY	EDUCATION	AGE
Soldier General Duty	SSLC/Matric 45% marks in aggregate and 32% in each subject. No % is required if higher qualification than only pass in Matric. i.e 10+2 and above.	17½-21½ yrs
Soldier (Technical)	10+2 /Intermediate Exam pass in Science with Physics, Chemistry, Maths and English.	17½-23½ yrs
Soldier clerk/store Keeper Technical	10+2/Intermediate exam pass in any stream (Arts, Commerce, Science) with 50% marks in aggregate and minimum 40% in each subject. No stipulation of marks for higher qualification	17½-23½ yrs
Soldier Nursing Assistant	10+2 /Intermediate Exam pass in Science with Physics, Chemistry, Biology and English with minimum 50% marks in aggregate and minimum 40% marks in each subject.	17½-23½ yrs
Soldier Tradesmen	Non Matric	17½-23½ yrs
Soldier (General Duty) Non Matric	Non Matric	17½-23½ yrs
Surveyor Auto Cartographer	BA/BSc with Maths having passed Matric and (10+2) with Maths and Science	17½-23½ yrs
Junior Commissioned Officer Religious Teacher	Graduate in any discipline. In addition qualification in his own religious denomination.	27-34 yrs
Junior Commissioned Officer Catering	10+2, Diploma Certificate course of a duration of one year or more in cookery/Hotel Management and Catering Tech Recognised by All India Council of Technical Education (AICTE)	21-27 yrs
Havildar Education	Graduate with B.Ed/ Post Graduate with B.Ed	20-25 yrs

Other Relevant Details

(f-ii) Physical standards

The minimum Physical Standards for various regions

Region	State	Height (cms)	Chest (cms)	Weight (Kgs)
Western Himalayan Region	J&K, Himachal Praadesh, Punjab Hills (Area South & West of the inner state border between HP & Punjab and North and East of road of Mukerian, Hoshiarpur, Garh Shankar and Ropar), Garhwal and Kumaon (Uttaranchal)	166# 163	77	48
Eastern Himalayan Region	Nagaland, Manipur, Tripura, Mizoram, Meghalaya, Sikkim, and Hill Region of West Bengal (Darjeeling, Gangtok, Kalimpong Districts.	160# 157	77	48
Western Plains Region	Punjab, Haryana, Chandigarh, Delhi, Rajasthan and Western (UP) (Meerut and Agra Division)	170#	77	50
Eastern Plains Region	Eastern UP, Bihar, West Bengal, Jharkhand and Orissa	169#	77	50
Central Region	Madhya Pradesh, Chattisgarh, Gujarat, Maharashtra, Dadar Nagar Haveli, Daman and Diu	168# 167	77	50
Southern Region	Andhra Pradesh, Karnataka, Tamil Nadu, Kerala, Goa and Pondichery	166# 165	77	50

Note : # only for Soldiar Tech/NA

(f-iii) Special physical Standards

Region-States-Category	Height (cms)	Chest (cms)	Weight (kgs)
a) Ladakhi	157	77	50
b) Gorkhas both Nepalese and Indians	160	77	48
c) Candidates from Andaman, Nicobar Islands, Lakshdweep Group including Minicoy:			
i. Settlers	165	77	50
ii. Locals	155	77	50
d) Tribals of recognized tribal areas	162	77	48
e) Brigade of the Guards	173	77	50
f) Medium Arty	170	77	50
g) Corp of Military Police	173	77	50
h) Clerks General Duty/ Store Keeper Technical	162	77	50

(f-iv) Dispensation in Physical Standards

Region-States-Category	Height (cms)	Chest (cms)	Weight (kgs)
a) Sons of Servicemen/Ex-Servicemen/War widows/Widows of Ex-Servicemen	2	1	2
b) Adopted Son/Son in law of a War Widow, if she has no son	2	1	2
Out standing sportsmen (National/State and those who represented District in state, college in University, Board Championship and earned 1 st /2 nd positions.	2	3	5
For candidates belong to chronically poor areas and those desirous of joining overage categories who are from families engaged in traditional profession. This relaxation may be given at the discretion of Branch Recruiting Officer, Zonal Recruiting Officer or Centre Commandants.	Nil	Nil	2

(f-v) Physical Fitness Test (PFT)

To determine the Physical Fitness, the following tests carrying 100 marks are held

- a) 1 Mile Run
- b) Pull Ups

- c) Balance
- d) 9 Feet Ditch Marking System is as follows:

a) Mile Run

- i) 5.40 Min and below 60 marks
- ii) 5.41 Min to 5.50 48 marks
- iii) 5.51 Min to 6.05 36 marks
- iv) 6.06 Min to 6.20 24 marks

b) Pull Ups

- i) 10 40 marks
- ii) 9 33 marks
- iii) 8 27 marks
- iv) 7 21marks
- v) 6 16 marks

c) Balance

Should qualify and no marks are awarded

d) 9 Feet Ditch

Should qualify and no marks are awarded

(f-vi) Medical Standards

- â A Candidate Should have robust physique and good mental health.
- â Chest should be well developed having minimum 5cm expansion.
- â Should have normal hearing with each ear and good binocular vision in both eyes. He should be able to read 6/6 in distant vision chart with each eye. Colour vision should be CP-III.
- â Should recognize red and green colour.
- â Should have sufficient number of natural healthy gum and teeth i.e minimum 14 dental points
- â Should not have disease like deformity of bones, hydrocele and varicocele or piles

(f-vii) Written Examination

Common entrance examination (CEE) is conducted on last Sundays of each month for recruitment of soldiers, It comprises of following two papers:

Paper I : Compulsory for all soldiers categories.

Paper II : For Soldier Technical, Soldier Clerk (General Duty/Store Keeper Technical) and Soldier Nursing Assistant.

Paper I - Total Marks - 100

It generally comprises of questions on IQ/Numeric ability , General Knowledge and current affairs. Duration of paper is 60 minutes. Total marks-100. Pass marks-32.

Paper II (Soldier Technical)- Total Marks - 50

It generally comprises of Physics, Chemistry and Mathematics. Duration-30 minutes, Pass marks-16

Paper II (Soldier Clerk/Store Keeper Technical)- Total Marks -50

It generally comprises of English (Language Proficiency) Maths & Computer Science. Duration-30 minutes, Pass marks-20 .

Paper II (Soldier Nursing Assistant)- Total Marks - 50

It generally comprises of Chemistry, Botany & Biology. Duration – 30 minutes, Pass marks-16.

Note: National Cadet Corps (NCC) "C" Certificate holders seeking enrolment for Soldier (GD) are exempted from appearing in written examination but have to fulfill other laid down criteria.

G. Direct Permanent Commission/Short Service Commission in Army Dental Corps

Eligibility:

i) Direct Permanent Commission/ Short Service Commission:

- â Candidates must be BDS (with minimum 60% marks in final year for permanent commission and 55% marks in final year for Short Service Commission) or MDS from a recognized college/University.
- â MDS candidates will be eligible for three years antedate seniority i.e they will be promoted to the rank of Major on completion of 1 ½ years service where as candidates with BDS degree will be promoted after 4 ½ years.
- â Should have completed one year rotatory internship recognized by Dental Council of India at the time of interview.
- â Should be in position permanent Dental Registration Certificate at the time of interview.

Age :

- | | |
|-----------------------------|---|
| Direct Permanent Commission | : For BDS candidates maximum age limit is 28 years
For MDS candidates maximum age limit is 30 years. |
| Short Service Commission | : Maximum age limit is 45 years. |

Selection Procedure :

i) Direct Permanent Commission

- â Candidates will be short listed based on their final BDS marks.
- â Short listed candidates will be called for written test and clinical test followed by an interview.

ii) Short Service Commission

- â Candidates will be short listed based on their final BDS marks
- â Short listed candidates will be required to appear before the selection board for interview only.

Candidates should apply to

The Director General, Armed Forces Medical Services. (DGAFMS/ DENTAL), Room No 9, L-Block, Ministry of Defence, New Delhi-110001

H. Army Medical Corps as Short Service Commissioned Officer

Eligibility:

- â The applicant must possess medical qualification in First / Second Schedule or Part II of the third schedule of IMC Act 1958.
- â The applicant must have permanent registration with any State Medical Council/MCI
- â Post Graduate degree holders i.e MD/MS/MCh/DM may also apply.

Age:

The candidates must not have attained 45 years of age. The maximum age limit for MBBS degree & Post Graduate diploma/degree holder desirous of permanent commission, on becoming eligible during service will be of 30 yrs & 31/35 yrs respectively.

Fee:

A non refundable D.D of any nationalized bank for ₹ 200 payable at New Delhi in favour of the Director General Armed Forces Medical Services.

Method of Selection

- â Eligible candidates will be called for interview by a board of officers at the office of DGAFMS, Ministry of Defence, M block, New Delhi.
- â On completion of 2 years service as SSC officer, they are eligible to apply for Departmental Permanent Commission provided they had not attained the age of 30yrs (31 & 35 yrs for post graduate diploma and degree holders respectively).
- â Selection of officers from SSC to Permanent Commission is decided by a selection board in the office of DGAFMS, Ministry of Defence.

Candidates should apply to

The Director General Armed Forces Medical Services.(DGAFMS/DENTAL), M block, Ministry of Defence, New Delhi-110001

Tenure:

The tenure is of 5years extended by another 5 years (total SSC tenure 10 years)

I. Armed Forces Medical College

Armed Forces Medical College, Pune, offers admission to the 130 seats (105 boys and 25 girls) of MBBS course. All 105 boys and 25 girls admitted to Armed Forces Medical College, Pune have compulsory liability to serve as commissioned officer in the Armed Forces Medical Services on graduation. The type of commission will depend upon the vacancies available and merit-cum-option at the final MBBS examination. The liability of the SSC officers passing out of AFMC to serve the Armed Forces Medical Services would be seven years. All candidates admitted to the college are required to execute a bond to this effect for an amount of ₹15 lacs at the time of joining the college.

Eligibility:

Education: XII or equivalent examination of statutory Indian University / Board with English, Physics, Chemistry and Biology securing not less than 60% of aggregate marks in the three science subjects taken together not less than 50% marks in each of the science subjects and not less than 50% marks in English.

A Graduate of B.Sc examination with not less than any of the two subjects Physics, Chemistry, Biology (Botany, Zoology)

Age

Candidates with 10+2 or equal qualification	17-22 years
Candidates with B.Sc qualification	17-24 years

Method of Selection

Candidates will be required to appear in the competitive written test of Biology, Chemistry, Physics, Intelligence, Reasoning and English Language. Candidates Selected in the written examination are called for interview.

Reservation :

Ten seats are reserved for SC/ST candidates who also have similar service liability and have to fulfill the requirements of medical fitness, age, educational qualification and qualifying the entrance examination.

Special Concessions :

- â The Govt provides free accommodation and entitled rations, subsidized messing.
- â AC 3 tier free railway warrant from college to home and back during vacation.

- â A book subsidy of Rs12,000 during entire training period.
- â Uniform allowance of Rs.6000 per student during first year and Rs1250 per year as maintenance allowance in subsequent years.

For further information in respect of Army contact

**Additional Directorate General of Recruiting, West Block-3, R.K.Puram,
Sec. 7 New Delhi-110066 Website : www.joinindianarmy.nic.in**

J) Military Nursing Service (MNS)

Unmarried Women Holding B.Sc Nursing degree aged between 18-25 yrs can apply for Short Service Commission in Military Nursing Service. There is a written examination and interview conducted by Director General Armed Forces Medical Services (DGAFMS). Successful candidates are commissioned as Lieutenant in the AMC. Short Service Commissioned Officer in MNS may opt for Permanent Commission after 5 years of reckonable service.

Armed Forces Medical College, Pune : Director General of Medical Services (Army), AG's branch conducts an examination for admission to 40 seats of 4 years B.Sc Nursing at College of Nursing, Armed Forces Medical College, Pune, 180 seats of three years training in Diploma in General Nursing & Midwifery course at various Armed Forces Hospitals.

Eligibility: Females who are unmarried or divorcee or legally separated or widows without encumbrances.

Age: 17 – 25 years

Educational Qualification: Should have passed in the first attempt the Senior Secondary (10+2)/equivalent examinations of recognized Board/University with Physics, Chemistry & Biology with minimum 50% aggregate marks.

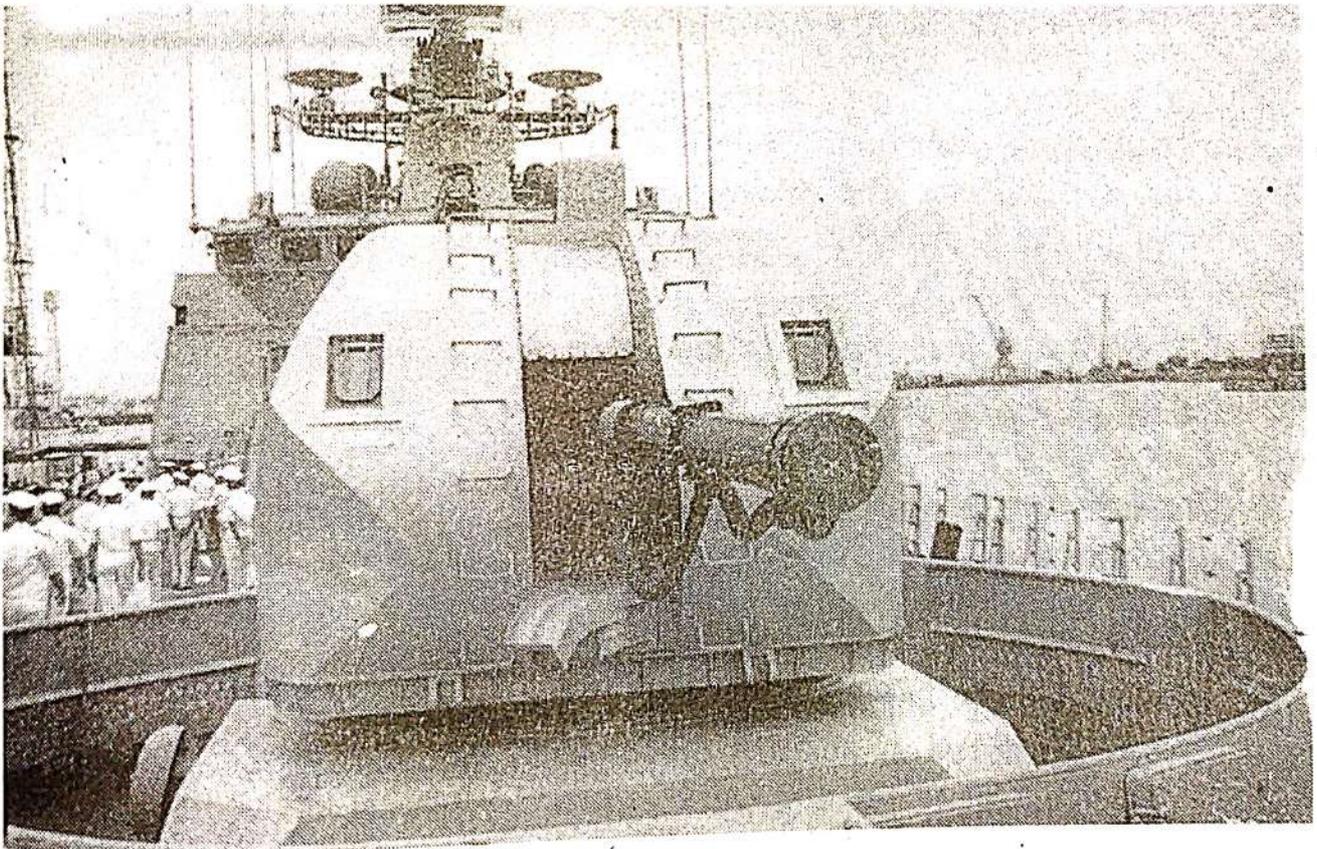
Selection:

Selection is based on objective test of 90 minutes duration.

II) INDIAN NAVY

CONTENTS

- A) Historical Overview
- B) Base Support
- C) Training
- D) Main Branches of The Navy
- E) Various Career options and their details
- F) Entry into different branches of Indian Navy
- G) Different Ranks of the Navy Officers
- H) Recruitment of other Ranks In Indian Navy



A) Historical Overview

With the Himalayas in the north, Indian for centuries have depended on sea routes for trade and communication with rest of the world. Vital sea links therefore emerged over a period of time for the exchange of trade, commerce and culture.

On the insistence of some prominent citizens, the British relented to introduce a small fighting force in the name of 'Royal Indian Navy' (RIN). Bombay became the Headquarters of the RIN and it was agreed that in due course it will predominantly be manned by Indians.

Recruitment of officers into the Royal Indian Navy started in the early thirties. With the commencement of the Second World War in 1939, RIN expanded rapidly and some merchant ships were also converted into men-of-war. More and more Indian were inducted into the service and they gave a very good account in maritime combat. Quite a few were given gallantry awards. In 1950, when India became a Republic, the word 'Royal' was dropped and the nomenclature was changed to 'INDIAN NAVY'.

The Navy is responsible for defence and security of India's maritime interests and assets, both in times of war and peace. The Chief of the Naval Staff at the Naval Headquarters, New Delhi is assisted by four Principal Staff Officers, namely, the Vice Chief of Naval Staff, Chief of Personnel, Chief of Material and Deputy Chief of Naval Staff. The Navy has three commands i.e., Western, Eastern and Southern with their headquarters located at Mumbai, Vishakhapatnam and Cochin, respectively. A Flag Officer Commanding-in-Chief in the rank of Vice Admiral heads each command. Western Command and Eastern Command have operational fleet under them i.e., Western and Eastern Fleets comprising warships, submarines, aircraft and other support ships. Southern Naval Command is responsible for all training activities of the Indian Navy.

The Western and the Eastern Commands are operational commands and exercise control over operation in the Arabian Sea and the Bay of Bengal, respectively. The Southern Command is designated as the Training Command.

The cutting edge of the Indian Navy are its two fleets, namely the Western Fleet based at Mumbai and Eastern Fleet based at Visakhapatnam. Besides, there is a flotilla based at Mumbai and Visakhapatnam that provides Local Naval Defence in the respective region. Naval ships are also based at other ports along the east and west coast of India and the island territories thus ensuring continued Naval Presence in the areas of national interest.

The defence of the Andaman & Nicobar islands is the joint responsibility of all the three services and is coordinated by the Andaman & Nicobar command,

Headquarters located at port Blair through the Commander-In-Chief. This is the only unified command in our defence forces and is headed by a Ccmmmand--In-Chief from each of the three services in rotation. The local Naval Defence of the Lakshadweep group of island is the responsibility of the Naval Officer-In-Charge, Lakshadweep.

The Indian Navy is a well balanced three dimensional force consisting of sophisticated missile capable warships, two aircraft carriers, minesweepers, advanced submarines and the latest aircraft in its inventory. Many of the warships are of indigenous design and have been constructed in Indian shipyards. These ships compare well with the ships of similar capability constructed by the advanced countries. The Naval forces are maintained and supported by modern dockyard facilities encompassing state-of-the-art technology. At present, it has two major Naval bases at Bombay and Vishakhapatnam. Young man who wishes to enter Navy as officer have a very varied choice of branches to select from in tune with their aptitude and qualification.

B) Base Support

For repair and maintenance of ships and submarines the Indian Navy has two major dockyards located in Mumbai and Visakhapatnam. Besides smaller ship repair yards function at Kochi and Port Blair, Major aircraft repair and maintenance organizations exist at Kochi and Goa. Logistics support is provided by a well established, network of Weapon Equipment Depots, Naval Armament Depots and Naval Store Depots located at various places. All base support facilities are largely manned by civilian personnel.

C) Training

Training in the service assumes a special significance. The Southern Naval Command headquartered at Kochi is the Navy's training command. There are currently 33 training establishments spread over the length and breadth of the country.

D) Main Branches of The Navy

- | | |
|-------------------------|-------------------------|
| (i) Executive Branch | (iii) Electrical Branch |
| (ii) Engineering Branch | (iv) Education Branch |

(i) Executive Branch :

It manages the Navy's warships and uses the warships as instruments of tactical warfare. The path to command is through the Executive Branch. Only sea

going officers of the Executive Branch can exercise command of ships, submarines and Aircraft. Executive Branch officers can specialize in any of the following: (1) Aviation (2) Submarine (3) Gunnery & Missiles (4) Navigation & Direction (5) Anti-Submarine Warfare (6) Communication (7) Hydrography (8) Diving etc. In addition, Law, Air Traffic Control, Naval Armament Inspection and Logistics Cadres also form part of the Executive Branch.

(ii) Engineering Branch :

Modern ships, submarines and aircraft abound with advanced technology, machinery and propulsion systems. The engineer officer is responsible for keeping all these systems serviceable. Opportunities to work in shore jobs in naval dockyards and indigenous production units also exist. In no other career is an engineer exposed to such a wide spectrum of opportunities to keep abreast of modern developments. An Engineer Officer's career is interspersed with technical courses upto post-graduation level in India/abroad.

Naval Architects specialize in warship construction. The Indian Navy today employs the largest pool of trained Naval Architects in India. A Naval Architect is involved in design, construction, quality control, repair and new construction work of naval vessels. With the Navy going for more and more sophisticated warship production within the country, the Naval Architect cadre offers excellent opportunities to keep abreast of the advancement in ship building technology.

(iii) Electrical Branch:

A warship is a mini floating city with an integral power generation and distribution system. In addition, complex missile systems, underwater weapons, radars and radio communication equipment form a major part of a warship's equipment. A majority of these are either computer-based or computer-aided and incorporate the latest trends in electronics engineering. For a ship to be able to fight effectively all its equipment must be kept working at peak efficiency. Electrical officers have this responsibility and other challenging tasks. The Navy also offers excellent opportunities for post-graduate courses in India/abroad.

(iv) Education Branch :

Any service will be as good as its officers and men receive the training. Education officers play a major role in imparting training to its Naval officer/Sailor. Education officers are responsible for scientific and methodical instructions including theoretical aspects of technical subjects of all branches of the Navy

and for general education. Additionally, an Education Officer can specialize in Oceanography and Meteorology and also in some of the specializations of the Executive Branch.

E) Various Career Options and their details

- | | |
|-------------------------|---------------------------------------|
| (i) Executive Officer | (vii) Diving Officer |
| (ii) Aviation Officer | (viii) Logistic Officer |
| (iii) Submarine Officer | (ix) Hydrographic Officer |
| (iv) Engineer Officer | (x) Naval Armament Inspection Officer |
| (v) Electrical Officer | (xi) Provost Officer & Law Officer |
| (vi) Education Officer | |

(i) Executive Officer

An Executive officer will be a vital part of the complex system that manages the ship and also uses the ship as an instrument of tactical warfare. He will learn to have a good understanding of his ship's capabilities and limitations and be able to turn them to his advantage. It is for this reason that an Executive Officer alone can aspire for the command of a naval ship. The Executive Officers are trained in sub-specialisations like anti-submarine warfare, navigation, communication, gunnery, logistics, diving and hydrography. One could also opt for the air or submarine arm. Within the branch promotional chances are not effected by his choice of sub-specialisation.

(ii) Aviation Officer

For those with a yearning for the skies, the Navy needs pilots and Observers who act as airborne tactical coordinators of maritime warfare. While most Navy pilots fly shipborne helicopters and shore based maritime reconnaissance aircraft, some elite pilots also fly the V/STOL Sea Harrier, Naval aircraft locate and attack enemy surface ships and submarines and take part in amphibious warfare, search and rescue, casualty evacuation etc. For this, specialized training is imparted at Goa, Kochi and other shore/afloat units.

(iii) Submarine Officer

As submarine Officer you will be responsible to run & maintain modern submarines and its weapon systems. You will get professional satisfaction of maintaining the hi-tech machines, which posses awesome fire power, state-of-the-art weapon control system & computer controlled machinery. If you successfully complete the rigorous training conducted at different training establishments, you will be the proud possessor of the "Dolphin Badge" and a member of a very elite arm of the Navy. Your career in Navy, will interspersed.

(iv) Engineer Officer
Modern warships, submarine and aircraft have hi-tech engineering equipment, as well as steam, diesel or gas turbine propulsion. As Engineer Officer, you will be responsible for keeping these systems serviceable. You could also get opportunities to work in the Naval Dockyards and ship building units. Specialisation in Naval Architecture, which deals with warship design & construction, is another attractive career option. Engineer Officers are trained at the Naval College of Engineering, INS Shivaji, Lonavala, near Pune.

(v) Electrical Officer

As an electrical Officer you will deal with computer based or computer-aided weapon systems, missile systems, underwater weapons, radars and radio communication equipment and ensure that all these sensitive and complex equipment are kept operational at peak efficiency. Electrical Officers are trained at INS Valsura near Jam Nagar and INS Shivaji.

(vi) Education Officer

The education and much of the training requirement of the Indian Navy ranges from general academic studies to the latest technical innovations. A rewarding profession where career advancement of Naval Officer and sailors would be your responsibility.

(vii) Diving Officers

This is yet another elite and challenging specialization wherein being in the parent professional armed with its sub-specialisation such as Gunnery, Navigation, Anti-Submarine warfare or be it Logistics, Hydro, Aviation etc. one can become a ships Diver, Alternatively, one may opt to become a Diving Cadre Officer wherein one would be required to undertake a clearance Diving Officer Course and/or a Marine commando course. The jobs of Diving Officers range from under water inspection and repair of ships to defence of our maritime assets.

(viii) Logistic Officer

A modern warship is not only a complex fighting unit, but it is also a mini township and community of several hundred people who have to be fed, clothed and paid, whatever the ship's role and whatever it may be. It has also to be constantly supplied with fuel, water and spares for the vast array of sophisticated equipment and machinery. At sea or on shore the Logistic Officer has a vital part to play in the technical & human aspects of the ship's organization. It is a job that requires exceptional managerial skills and the ability to work under pressure.

(ix) Hydrographic Officer

This small but crucial sub-specialisation is responsible for collecting information need for the charts used by the Indian Navy and other Navies around the world. You have the option to remain a surveyor throughout your career for the sheer love of it or opt for other shore based appointments.

(x) Naval Armament Inspection Officer

These specialist officers inspect the armaments supplied to the Navy by various agencies. While they ensure the quality, safety and reliability of Naval armament and stores, they are also responsible for in-house research & development leading to indigenization.

(xi) Provost Officer & Law Officer

A separate cadre of provost officer exists to deal with Policing, Regulatory, Security and Vigilance needs of the Navy. Similarly, a separate cadre of Law Officer exists to deal with the legal needs of the Navy. There are Permanent Commissioned Officers as well as Short Service Commissioned officers in the Law Cadre.

Women Entries

As of now, women officers are being inducted into the Law, Logistic, ATC, Naval Architect & Education Branch/Cadre.

F) Entry into different branches of Indian Navy

Branch/Type of Entry	Unmarried Men / Women	Age limit (years)	Educational Qualification
1	2	3	4

d-i) EXECUTIVE BRANCH

Permanent commission

Cadet Entry(NDA) Through UPSC	Men	16 ½ to 19	10+2 or equivalent with Physics & Maths
Cadet Entry(10+2) Naval Academy, Goa Through UPSC	Men	16 ½ to 19	10+2 or equivalent with Physics & Maths
Graduate Special Entry Naval Academy, Goa (Through UPSC; written examination conducted through CDSE)	Men	19-22	B.Sc(Physics & Maths) or B.E

1	2	3	4
NCC Special Entry Naval Academy, Goa	Men	19-24	B.Sc(Physics & Maths) or BE with Naval wing senior Div NCC 'C' certificate
Direct Entry Naval Armament Inspection Cadre	Men	19 ½ - 25	Degree in Electronics/Electrical/ Mechanical Engineering or Post Graduate Degree in Electronics or Physics.
Direct entry Law Cadre	Men	22-27	A Degree in Law. Qualifying for enrolment as an Advocate under the Advocates Act.1961 with minimum 55% marks.
Short Service Commission			
Law Cadre	Men & Women	22-27	A Degree in Law. Qualifying for enrolment as an Advocate under the Advocates Act.1961 with minimum 55% marks.
Logistics Cadre	Men & Women	19 ½ - 25	BA (economics) B.Com, B.Sc (IT), CA/ICWA, Catering Technology, BCA or MCA, BE/B.Tech in Mechanical, Marine, Electrical, Electronics, Civil, Computer, IT, Architecture with minimum 60% marks in aggregate.
Air Traffic Control (ATC)	Men & Women	19 ½ - 25	A first class Science Graduate with Physics & Maths or M.Sc with Physics or Maths securing minimum 55% marks.
Hydro Cadre	Men	19 ½ - 25	A Graduate with minimum 55% marks with Physics & Maths at 10+2 level. Graduate with Physics & Chemistry at 10+2 level holding Naval wing Senior Division 'C' certificate or BE/B.Tech with minimum 55% marks in any discipline.
Executive (General Service)	Men	19 ½ - 25	A Graduate with minimum 55% marks with Physics & Maths at 10+2 level. Graduate with Physics & Chemistry at 10+2 level holding Naval wing Senior Division 'C' certificate or BE/B.Tech with minimum 55% marks in any discipline.

1	2	3	4
Logistics (Catering)	Men	19 ½ - 25	Degree in Hotel Management or equivalent with atleast 50% marks in aggregate.

d-ii) ENGINEERING BRANCH MARINE ENGINEERS
Permanent Commission

Cadet Entry (NDA)	Men	16 ½ - 19	10+2 or equivalent with Physics & Maths
Cadet Entry 10+2 (Tech)	Men	16 ½ - 19	10+2 or equivalent with Physics, Chemistry & Maths (minimum 75 % marks in aggregate of PCM, minimum 50% marks in English either in 10 th or 12 th class)
Direct Entry	Men	19 ½ - 25	A degree in Marine/Mech/Aeronautical Control/Metallurgical/Production Engineering or any other qualification recognized by the institution of Engineers (Ind.a) as equivalent to a degree course

Short Service Commission

Direct Entry (Tech Branch)	Men	19 ½ - 25	A degree in Marine/Mech/Aeronautical/Control/Metallurgical/production engineering with minimum 55% marks.
Direct Entry (Submarine cadre)	Men	19 ½ - 25	BE (Mechanical) with minimum 55% marks.
University Entry Scheme	Men	19-24	A degree in Marine/Mech/Aeronautical Control/Metallurgical/production engineering with minimum 60% marks upto VIth semester

Engineering Branch Naval Architects
Permanent Commission

Cadet Entry 10+2 (Tech)	Men	16 ½ - 19	10+2 or equivalent with Physics, Chemistry & Maths (minimum 75% marks in aggregate of PCM, minimum 50% marks in English either in 10 th or 12 th class)
Direct Entry	Men	21-25	A Degree in Naval Architecture/ Mech/ Aeronautical/ Civil/ Metallurgical Engineering

1	2	3	4
Short Service Commission Direct Entry (Naval Architecture)	Men/ Women	19 ½ -25	BE in Mechanical/Metallurgical/ Civil/Aeronautical/Naval Architect with minimum 60% marks.
Special Naval Architect Entry Scheme (SNAES)	Men	19 ½ -25	BE in Naval Architect with minimum 60% marks.
d-iii) ELECTRICAL BRANCH			
Permanent Commission			
Cadet Entry (NDA)	Men	16 ½ - 19	10+2 or equivalent with Physics & Maths
Cadet Entry 10+2 Technical	Men	16 ½ - 19	10+2 or equivalent with Physics, Chemistry & Maths (minimum 75% marks in aggregate of PCM, minimum 50% marks in English either in 10 th or 12 th class)
Direct Entry	Men	19 ½ - 25	A Degree in Electrical/Electronics/ Telecommunications Engg. or any other qualification recognized by the Institute of Engineers (India) equivalent to a degree course.
Short Service Commission			
Direct Entry (Technical Cadre)	Men	19 ½ -25	A Degree in Elect/ Electronics/ Avionics/Instrumentation & Control/ Telecommunication Engg. With minimum 55% marks
Direct Entry (Submarine Cadre)	Men	19 ½ -25	A Degree in Elect/ Electronics/ Telecommunication Engg. With minimum 55% marks
d-iv) EDUCATION BRANCH			
Permanent Commission	Men	21-25	A Master's Degree in one of the following with at least 55% marks Physics (with Maths in B.Sc) or Maths (with Physics in B.Sc) or Chemistry (with Physics & Maths in B.Sc) or Computer Applications/ Computer Science (with either Physics or Maths at Graduate level) or Humanities (Eng/Eco/Hist/Pol Sc) or An Engg. Degree in Mech/ Elect/Computer Science/Tech.

1	2	3	4
Short Service Commission	Men/ Women	21-25	A Master's Degree in one of the following with at least 55% marks Physics (with Maths in B.Sc) or Maths (with Physics in B.Sc) or Chemistry (with Physics & Maths in B.Sc or Computer Applications/ Computer Science (with either Physics or Maths at Graduate level) or Humanities (Eng/Eco/Hist/Pol Sc) or An Engg. Degree in Mech/ Elect/Computer Science/Tech.

SELECTION PROCESS:

- Short listing of candidates
- SSB Interview
- Medical Test

Short listed candidates will be called for Service Selection Board interview at various designated centres. The duration of SSB interviews is 5 days. During the stay at the SSB candidates are assessed in Psychological Tests, Individual Tasks, Group Tasks, Group Discussions and Interview. On the first day of the interview candidates undergo an Intelligence Test and those who qualify participate in the subsequent test. Those who are recommended by SSB will, therefore, undergo a medical examination. Candidates recommended by SSB and declared medically fit will be appointed for training in the order of All India Merit.

G) Different Ranks of the Navy Officers

- | | |
|----------------------------|------------------------------------|
| (i) Sub Lieutenant, | (vii) Commodore |
| (ii) Lieutenant | (viii) Rear Admiral |
| (iii) Lieutenant Commander | (ix) Vice Admiral |
| (iv) Commander (Select) | (x) VCNS/FOC-in-C of Naval Command |
| (v) Commander (Time Scale) | (xi) Chief of the Naval Staff |
| (vi) Captain | |

H) Recruitment of other Ranks in Indian Navy

- (i) Indian Navy Sailors Matric Entry Recruitment Exam
- (ii) Indian Navy Artificer Apprentices Exam
- (iii) Indian Navy Dock Yard Apprentices Exam
- (iv) Sailors for Senior Secondary Recruits (SSR)
- (v) Enrolment as Direct Entry Diploma Holders (3 Yrs)

(i) Indian Navy Sailors Metric Entry Recruitment Exam

This examination is held twice a year as advertised in the Employment News and other leading newspapers.

Eligibility Conditions:

- Male unmarried Indian citizens.
- **Educational Qualifications:** Metric or equivalent with 55% or above marks in Science and Math's. Candidates having less than 55% marks in Metric are also eligible provided they have got 55% or above marks in any higher board examination with Science and Math's.

- **Age Limits:** 17-20 years on the 1st January or 1st August of the year of examination.
- **Physical Standards:** Weight correlated to height and proportionate chest with minimum expansion of 5 cms. Good medical and physical health, free from any disease/disability.

No cardio-vascular, surgical deformities or infection of ear. No history of fits or psychiatric ailment.

Minimum height: 157 cm.

Weight : Proportionate to height

Minimum eye standard:

Without glasses better eye 6/6 and worse 6/9. Color perception: CP II.

Probation: Two years.

Application Procedure: The eligible candidates may complete the application form as per format given in the Employment News on a plain paper either handwritten or typed. The application duly completed should be sent to the concerned Zonal Recruitment Offices by the prescribed date.

Initial Pay:

About Rs. 4000/- per month and free food, free accommodation, free clothing, etc.

Other Benefits:

- Medical treatment for self and family including dependent parents
- Group Housing Benefits and other benefits applicable to Armed Forces personnel's;
- An insurance cover of Rs. 1,75,000 at a nominal premium;
- Pension, Provident Fund and Gratuity depending upon length of service and rank at the time of retirement. Sailors are also privileged to have 60 days of annual leave and 30 days of casual leave every year. Post-retirement benefits include pension and gratuity.

Selection Procedure:

The subjects of written test are: English, Science, Mathematics, General Knowledge

English: Comprehension, Transformation of Simple sentences, Punctuation, Tenses and Parts of Speech.

Science: State of Matter, Universe, Chemical Bonding, Electricity, Gravitation, Newton's Laws, Simple Harmonic Motion, Work and Energy, Heat, Light, Nuclear Energy, Metals and Nonmetals, Carbon and its compounds. Health and Nutrition, Physiology.

Mathematics: Algebraic identities, Surds, Linear and Simultaneous equations, Trigonometry and Geometry, Mensuration, Quadratic equations, Set theory, Polynomials and Exponents.

General Knowledge: Who's Who, Sports, Entertainment, Indian History and Geography, Discoveries and Inventions, Elementary knowledge of Computers.

The question paper will be bilingual and of objective-type and of one hour duration. Candidates are required to qualify in each Section. The standard of question paper will be that of Matriculation level. Those who qualify written test will undergo Physical Fitness Test (PFT) and those who qualify PFT will undergo medical test.

(ii) Indian Navy Artificer Apprentices Exam

The examination is held twice a year generally in the months of June and December as advertised in the Employment News and leading newspapers.

Eligibility Conditions:

- Unmarried male Indian citizens and Gurkha subjects of Nepal are eligible.
- **Educational Qualifications:** 60% or more marks in aggregate in 10+2/ equivalent examination with Maths, Physics and Chemistry.
- **Age Limits:** 15 to 18 years.

Application Procedure:

The eligible candidates may complete the application form as per format given in the Employment News on a plain paper either handwritten or typed.

The application duly completed should be sent to the concerned Zonal Recruitment Offices by the prescribed date.

Selection Procedure:

Selection of recruits is based on the order of merit on their performance in written Test, Physical Fitness Test and fitness in the Medical Examination.

Written Examination

Eligible candidates will be called for the written examination in Science, Mathematics, General Knowledge, English.

English: Comprehension, transformation of simple sentences, punctuation, tenses and parts of speech.

Science: State of Matter, Universe, Chemical bonding, Electricity, Gravitation, Newton's Laws, Simple Harmonic Motion, Work and Energy, Heat, Light, Nuclear Energy, Metals and Nonmetals, Carbon and its compounds: Health and Nutrition, Physiology.

Mathematics: Algebraic identities, Surds, Linear and simultaneous equations, Basic Trigonometry and Geometry, Menstruation, Quadratic equations, Set theory, Polynomials and Exponents.

General Knowledge: Who's Who, Sports, Entertainment, Indian History and Geography, Discoveries and Inventions. Elementary Knowledge of Computers.

The question paper will be bilingual and of objective-type of 75 minutes duration. The standard of the questions will be of matriculation level.

Physical Fitness Test (PFT):

Qualifying in the Physical Fitness is mandatory for enrolment. The standard of PFT is as follows:

- One-mile (1.6 km) run to be completed in 7 minutes.
- 25 squats (Uthak-Baithak).
- 10 push-ups.

Physical Standards:

Weight correlated to height and proportionate chest with minimum expansion of 5 cms. Good medical and physical health, free from any disease/disability. No cardio-vascular, surgical deformities or infection of ear. No history of fits or psychiatric ailment.

Minimum height: 157 cm., weight and chest should be proportionate.

Minimum eye standard: Without Glass: Better Eye: 6/12 Worse Eye: 6/12

With Glass: Better Eye: 6/9 Worse Eye: 6/12

(iii) Indian Navy Dock Yard Apprentices Exam

This examination is held twice a year generally in the months of July and December, as advertised in the Employment News and leading newspapers.

Eligibility Conditions:

- Unmarried male Indian citizens are eligible.
- **Essential Qualification:** Matric or equivalent preferably with Science.
- **Age Limits:** 14 to 19 years (relaxable by 5 years for SC/ ST candidates).
- **Physical Standards:** Weight-45 kg (Maximum). Height 150 cm (Minimum) and well-developed chest with minimum expansion of 5 cm.

Application Procedure: Candidates must submit their applications in the prescribed Performa published in the Employment News to the nearest Recruitment Zone by the prescribed date.

Selection Procedure: The subjects of the written examination, time allowed and the maximum marks for each paper will be as under:

S.No.	Subjects	Max. Marks	Time Allowed
1.	Mathematics	100	2.5 hours
2.	General Knowledge	100	2 hours

Syllabus :

Mathematics:

(a) Number system, Natural numbers, Integers, Rational and real numbers, Commutative, Associative and Distributive law, Fundamental operations-addition, subtraction, multiplication and division, Square root, Decimal fractions.

(b) Unitary method-application to simple and compound interest, time and distance, time and work, percentages, profit and loss, ratio and proportion, averages, areas and volumes.

(c) Factors, Problems and Equations of Algebra: General Knowledge and General Science: Abbreviations, Books and Authors, Facts about India and the World, Sports, Awards and Prizes, Everyday Science, short notes on various subjects in 100 words.

Interview: Based on the performance of the candidates in the written examination, candidates will be called for interview at Delhi, Mumbai, Kolkata and Bangalore. Based on the performance of the candidates in the final interview, the selected candidates will be sent to Naval Dockyard School, Mumbai for training. Period of training is of three years for most trades.

(iv) Sailors for Senior Secondary Recruits (SSR)

Eligibility conditions :

- Unmarried Male Indian Citizen

- Educational Qualification : Minimum 45% or more aggregate marks in 10+2 /equivalent with compulsory subjects Maths, Physics, optional subjects Chemistry/Biology/Computers
- Age: 17 to 21 years

Selection Criteria : Selection of recruits is based on the merit depending on their performance in written test, Physical Fitness Test, and fitness in the medical test.

Written Test:

- The question paper will be bilingual and objective type.
- The question paper comprises of four sections i.e English, Science, Mathematics and General Knowledge.

Physical Fitness Test (PFT):

Qualifying in the Physical Fitness is mandatory for enrolment. The standard of PFT is as follows: · One-mile (1.6 km) run to be completed in 7 minutes. · 25 squats (Uthak-Baithak). · 10 push-ups.

Physical Standards: Weight correlated to height and proportionate chest with minimum expansion of 5 cms. Good medical and physical health, free from any disease/disability. No cardio-vascular, surgical deformities or infection of ear. No history of fits or psychiatric ailment.

Minimum height: 157 cm., weight and chest should be proportionate to the height. Minimum eye standard: Without Glass : Better Eye: 6/6 Worse Eye : 6/9

(v) Enrolment as Direct Entry Diploma Holders (3 Yrs)

The Indian Navy is a high technology service, which operates and maintains highly sophisticated ships, submarines and aircraft. The weapon platforms equipped with propulsion machinery, weapons, sensors and equipment on board are operated and maintained by sailors, who are imparted training at various stages during their service. The initial basic training is given at INS Chilka, Distt-Khurda, Orissa. This is followed by further training at various Naval Establishments all over the country. Selected Sailors are also sent abroad for training in specific disciplines. Prior to release from the service, sailors are also exposed to pre-release courses to enable them to settle down in civil life. Sailors in Navy are liable to Serve anywhere in India, on board ships and submarines or abroad as required by the service.

Eligibility conditions:

- Unmarried Male Indian citizens and subject to Nepal are eligible.
- **Educational Qualifications:** Three years Diploma with minimum 50% marks in Mechanical/Electrical/Electronics/Telecommunication/Aeronautical/Ship Building /Instrumentation/Metallurgical Engineering from a Government recognized polytechnic/institute.
- **Age:** 18 to 22yrs

Selection Criteria: Selection of recruits is based on the merit depending on their performance in written test, Physical Fitness Test, and fitness in the medical test.

Written Test:

- The question paper is bilingual and objective type.
- The question paper comprises of four sections i.e English, Science, Mathematics and General Knowledge.

Physical Fitness Test (PFT):

Qualifying in the Physical Fitness is mandatory for enrolment. The standard of PFT is as follows:

- One-mile (1.6 km) run to be completed in 7 minutes.
- 25 squats (Uthak-Baithak).
- 10 push-ups.

Physical Standards: Weight correlated to height and proportionate chest with minimum expansion of 5 cms. Good medical and physical health, free from any disease/disability.

No cardio-vascular, surgical deformities or infection of ear. No history of fits or psychiatric ailment.

Minimum height: 157 cm., weight and chest should be proportionate.
Minimum eye standard: Without Glass: Better Eye: 6/24 Worse Eye: 6/24

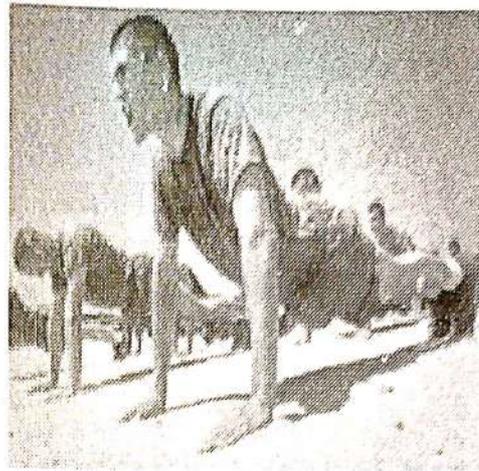
With Glass: Better Eye: 6/9 Worse Eye: 6/12

For further detail about career prospects in Indian Navy contact: Directorate of Man power Planning and Recruitment (P&R), Integrated Head Quarters of Ministry of Defence (Navy), Sena Bhawan, New Delhi-110011.

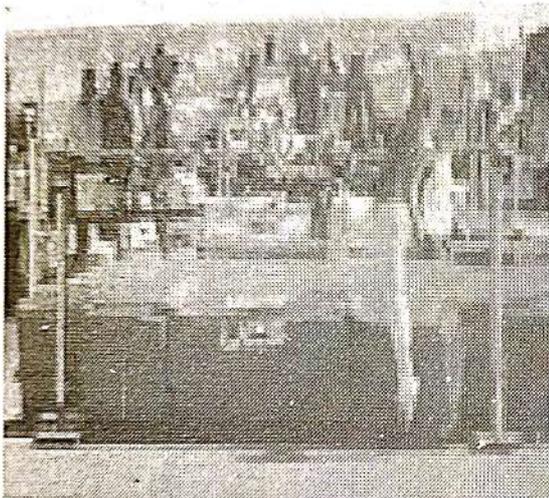
Some pictures of physical fitness test



Squats



Push ups



High jump



Long jump



Rope riding

III) INDIAN AIRFORCE

CONTENTS

- A) Introduction**
- B) Entry of New branches**
- C) Main branches of the Air Force**
- D) Different Ranks of Indian Air Force**
- E) Opportunities To Become Airmen in The I.A.F**



A) Introduction

The Indian Air Force is a young service. The British can trace the origin of the IAF to the recommendation of the Skeen Committee set up in 1925. As a follow-up of this report, 6 Indians were sent to the Royal Air Force (RAF) college for the first time in 1930. When 5 out of the 6 successfully became pilots, the Indian Air Force came into being on 8 October 1932. The first unit of the IAF, No. 1 Squadron, was formed on 1 April 1933 at Drigh Road Airfield, Karachi (Now in Pakistan)

By 1941, it had become clear that the total requirements of air force for the defence of India could not be made available from the RAF. The assessed need was for 21 squadrons and 5 coastal defence flights, whereas the RAF could at the most supply 11 squadrons. Therefore the IAF had to be expanded to a 10-squadron force. Large-scale induction into the IAFVR began. To cope with the increase training needs, two Elementary Flying Schools and one Service Flying School were set up at Begumpet, Jodhpur and Ambala. To train technicians and other supporting tradesmen, one airmen's training school was set up at Ambala, however this proved to be inadequate. Therefore, soon airmen's training was spread over 20 schools all over the country.

B) Entry of New branches

The equipment branch had received its first Indian Officer in 1932. A new branch called Administrative and Special Duties Branch was formed in 1940. Pilots who were unfit for flying duties were transferred to this branch. Fairly large-scale direct recruitment was also made into this branch. Apart from routine administration, this branch took over the duties of air traffic control and codes and cipher duties. The Meteorological Branch took its officers and men from India Met Department. There was direct recruitment for the Accounts and Education branches. The Medical branch drew its doctors from the Army Medical Corps.

The Air Force is organised both on functional as well as geographical basis. There are five operational commands. These are Western Air Command, South-Western Air Command, Central Air Command, Eastern Air Command and Southern Air Command. In addition, Maintenance Command and Training Command are two functional commands. Refer Annexure-I for Address of all these commands.

At the Air headquarters in New Delhi, the Chief of the Air Staff is assisted by the Vice-Chief of Air Staff, Deputy Chief of Air Staff, Air Officer In charge Administration, Air Officer In charge Maintenance, Air Officer In charge

Personnel and Inspector General Flight Safety and Inspection. These six Principal Staff Officers are assisted by Assistant Chiefs of Air Staff.

C) Main branches of the Air Force

- (i) The Flying Branch,
- (ii) The Technical Branch,
- (iii) The Ground Duty Branch

(i) Flying Branch :

This branch includes fighter pilots, who fly combat aircraft, Transport pilots, who fly transport planes for carrying men, material and Pilots of helicopters which provide air support to a moving army or Para-drop troops and supplies. There is also the navigator who guides the aircraft and pilot to the target by use of latest avionic equipment.

Entry into Flying Branch

Type of Entry	Educational Qualification	Age Limit (Yrs)	Advt. Schedule	Remarks
1	2	3	4	5
National Defence Academy (NDA) For Men	10+2 with Physics & Maths	16 $\frac{1}{2}$ - 19	Mar/Oct.	Details in respect of NDA available at page no
Combined Defence Services Examination (CDSE) For Men	Graduate with Physics & Maths at 10+2 or BE	19-23	Apr/Sep	Details in respect of CDSE available at page no
NCC Special Entry (Through CO Unit/DG NCC) For Men	Any Graduate with Physics & Maths at 10+2 or BE & NCC Air Wing Sr. Div. "C" Certificate	19-23	Apr/Oct	
Short Service Commission (For Women)	Any Graduate with Physics & Maths at 10+2 or BE	19-23	May/Nov	

Upper age limit relaxed to 25 years for holders of Commercial Pilot licence Short Service Commission (Women) Flying (Pilot) Course.

Although women were always an integral part of the medical corps and Military Nursing Services, the Armed Forces as such, remained an exclusive male preserve. Recently women have been allowed to avail the opportunity to join up as regular officers. Women are inducted into armed forces at the first

level, after, 10+2, only in the medical and nursing corps. All other posts are for graduates and postgraduates as short service commissioned officers, and the academic requirements remain the same as that for male candidates.

The Indian Air Force is also accepting women on short service commission into certain branches. The first female trainee pilots were inducted in 1992 for transport planes and helicopters. Women are also recruited as navigators in Indian Air Force.

Eligibility to become women pilot : The eligibility criteria is given below

Course	Qualification	Age (yrs)	Marital status	Physical Standard
1	2	3	4	5
Short Service Commission (Women) Flying (Pilot) Course	Graduate in any discipline (three years course) with Physics and Maths at 10+2 level or BE (Four years course)	18 to 22	Unmarried female	Atleast 162.5cms in height and have a leg length in the range 99cms(min) to 120cms(max)

Selection Procedure

- Scrutiny of the application
- Pilot Aptitude Battery Test (PABT) on the first day at one of the Air Force Selection Boards at Dehradun, Mysore or Varanasi.
- Personality Test for the Qualifiers of PABT.
- Stage I test: Intelligence test, Picture Perception and Discussion test
- Stage II test: Psychological testing, Group testing and Interview
- Medical Examination at Armed Forces Medical College (AFMC), New Delhi or Institute of Aerospace medicine (IAM) Bangalore for those who qualify Air Force Selection Board (AFSB) testing.

Training : Selected candidates are given 74 weeks training at Air Force Academy, Hyderabad. During the training period they are oriented with defence life style and imparted rigorous training to enhance their physical and mental toughness before commencing flying training

Period of Short Service Commission: On completion of the training candidates are granted Short Service Commission. The initial engagement period is

for 10 years from the date of commissioning. An extension of 4 years may be granted to those fulfilling stipulated performance criteria, subject to service requirement and availability of vacancies.

(ii) The Technical Branch

It handles the Engineering and weaponry system of the Air Force. The Aeronautical Engineer (Mechanical) ensures the proper maintenance of all aircraft. The Aeronautical Engineer (Electrical) handles the electronic and communication system of the aircraft.

As an officer in the Technical Branch, you propel and manage your team to ensure that the Indian Air Force remains airworthy at any time any where.

You can apply for any of the following streams through Direct Entry Scheme

Branch/Type of entry	Educational Qualification	Age (Yrs)	Advertisement Schedule	Remarks
1	2	3	4	5
(PC for Men/SSC for women)				
Aeronautical Engineer (Electrical)	First class degree in Engineering	18-28	Apr/Oct	For details see the following paragraphs
Aeronautical Engineer (Mechanical)				
SSC for women				

- **Aeronautical Engineering (Electronics)**

As an Aeronautical Engineer in the Electronics stream, you will be responsible for the communication and signals required on the Air Force station. You will also be in charge of the execution of preventive maintenance and servicing of aircraft.

- With further in-service training, you could also move to the repair and overhaul divisions of the Indian Air Force.

- **Aeronautical Engineering (Mechanical)**

After you join the Indian Air Force as an Aeronautical Engineer in the Mechanical stream, you could be placed at a position that requires you to be involved with preventive maintenance and servicing of aircraft or of common user and specialist application vehicles. You could also be involved in the safety and maintenance of firearms and ammunition at an Air Force Base.

Aeronautical Engineering (Electronics)

Permanent/Short Service Commission

To join the Aeronautical Engineering (Electronics) stream you must fulfil the following eligibility criteria:

Branch	Educational Qualification	Standards	Age	Marital Status	Height & weight
1	2	3	4	5	6
Aero-nautical Engineering (Electronics)	<p>BE/B tech (Electronics)/Telecommunication/ Electrical/Electrical Communication/ Electronics Communication/ Instrumentation/ Computer Science and Engineering or a combination of these subjects.</p> <p>Diploma in Electronics of Madras Institute of Technology.</p> <p>B Tech in Radio Physics and Electronics/Optics and Opt Electronics/ Optics and Opto Electronics.</p> <p>M.Sc degree in Physics(with Electronics/Computer Science/MCA with Maths, Physics and Electronics at graduate level / M.Sc Tech in Elec-</p>	<p>First Division</p> <p>High on merit</p>	18 to 28 years	<p>Unmarried, if candidates age is less than 25 years</p> <p>Married candidates above 25 years of age are also eligible to apply.</p>	Minimum Height 157.5cm for men and 152cm for women with correlated weight.

1	2	3	4	5	6
	<p>tronics and Radio Engineering</p> <p>Section A & B Examination of the Associate membership examination of the Institute of Engineers (India) in Electricals, Electronics of Tele Communication subjects.</p> <p>Graduate membership examination of the Institute of the Institute of Electronic and Telecommunication Engineers with subjects of section A and full subjects of section B by actual studies (Maths, Applied Electronics and Circuits, Principles of Communication Engineering transmission lines and networks.)</p> <p>Section A and B of examination of Aeronautical society of India by actual studies in Avionics/Communication streams.</p>				

Aeronautical Engineering (Mechanical)

To join the Aeronautical Engineering (Mechanical) stream, you must fulfil the following conditions:

Branch	Educational Qualification	Standards	Age	Marital Status	Height & weight
1	2	3	4	5	6
Aero-nautical Engineering (Mechanical)	<p>BE/B Tech in Aeronautical/Mechanical/Production/Industrial production or a combination of these subjects.</p> <p>Section A and B of associate membership examination of Institution of Engineering (India) with Mechanical/Aeronautical subjects by actual studies.</p> <p>Section A and B of associate membership examination of the Aeronautical society of India with Group 1 (Design & Production) or Group 2 (Maintenance, Repair & overhaul) subjects by actual studies.</p>	First Division, High on merit	18 to 28 years	<p>Unmarried, if candidates age less than 25 years</p> <p>Married candidates above 25 years of age are also eligible to apply.</p>	Minimum Height 157.5cm for men and 152cm for women with correlated weight.

Selection Procedure

- Scrutiny of Application
- Engineering Knowledge Test(EKT) at centers allotted
- Personality Tests for the qualifiers of EKT at Air Force Selection Boards at Dehradun, Mysore, or Varanasi
- Stage I test consisting of intelligence test, Picture perception and discussion test
- Stage II test consisting of psychological testing, Group testing and Interview.
- Medical Examination at Air Force Central Medical Establishment (AFCME), New Delhi or Institute of Aerospace medicine (IAM), Bangalore for those who qualify Air Force Selection Board (AFSB) testing.

Permanent Commission (PC): Training at Air Force Academy, Hyderabad and Air Force Technical College, Bangalore for a period of 74 weeks. After successful completion of the training the candidates will be granted Permanent Commission on probation in the rank of Flying Officer.

Short Service Commission (SSC): Training at Air Force Academy, Hyderabad and Air Force Technical College, Bangalore for a period of 74 weeks. On successful completion of the training, Short Service Commission will be confirmed. The terms of Short Service Commission shall be for a period of ten years, extendable by four years subject to service requirement/performance/willingness and availability of vacancies.

(iii) Ground Duty Branch

It includes officers from the administrative, logistics, accounts, education and meteorology branches, who ensure the smooth functioning of the complete force.

The Administrative Officer is responsible for the personnel management and administration of the Air Force all over the country.

The Air Traffic Control Officer provides control and advisory services to enable the pilot to conduct flight in total safety.

The fighter Controller monitors the skies for any potential air threat and selects the appropriate air defence system, using modern electronic equipment to intercept these threats.

The Logistics Officer is responsible for provisioning of aircrafts and their spares, fuel, armament, explosives, clothing items and other items essential for the day-to-day running of an organization.

The Accounts Officer is required to monitor the expenditure, cost and fund requirements, and to plan the forecast the budgetary requirements of the Air Force.

The educational Branch officers are responsible for the training imparted to officers and airmen and for designing training programmes that enable the Air Force to meet the challenges of the future.

The Meteorology branch officers are engaged in conducting scientific research on the prevailing weather conditions and atmospheric sciences.

Essential requirements of various branches of Ground Duty Officers

Permanent Commission for Men/Short Service Commission for women

Branch	Qualification	Class/ Division	Age (Yrs)	Advt. Schedule
1	2	3	4	5
Administration & Logistics (For Men and Women)	Post Graduate OR Graduate in Arts, Science, Commerce, Engineering (All Sub Branches), Law, OR Management, AICTE Approved PG Diploma in Business Administration/Management (Three years part time /Two years full time.)	II Class/Div. (Min 50%) for PG, Law, CA, CS, ICWA etc.	20-23	May/Nov
Accounts (For Men and Women)	Post Graduate OR Graduate in Commerce OR ICWA/CA with B.Com/M.Com	First class/ Division (Min 60%) for graduates	20-25	May/Nov
Meteorology (For Men and Women)	Post Graduate in Science. Geography OR MCA-provided Maths and Physics were subjects studied at Graduate level	II Class/Div. (Min 50%)	—	May/Nov
Education (For Men and Women)	Post Graduate in English/ Defence Studies/Psychology/ Maths/ Physics/Statistics/Computer Science/Management OR M.Ed after P.G as stated above OR Ph.D in the above stated subjects.	II Class/Div.(Min 50%)	20-25	May/Nov

Selection Procedure

- Common Entrance Test (CET) at designated centers on different dates for men and women, The test contains the objective and descriptive test items to test the knowledge in English and General Awareness
- Short listed candidates of CET will be called for selection test in two phases at Air Force station Selection Boards at Dehradun, Mysore or Varanasi.
- Only those qualify in phase-I will be tested in phase-II
- Recommended candidates will undergo Medical Examination at AFCME, Delhi or IAM, Bangalore.
- 10% of the vacancies are reserved for NCC Air Wing "C" certificate holders.

Training : The period of training will be 52 weeks. The training will include rigorous physical training, general service orientation, academic and professional subjects.

Short Service Commission: The initial tenure of Short Service Commission will be for a period of ten years, extendable by four years subject to service requirement/performance/willingness and availability of vacancies.

For further details in respect of IAF contact : Publicity cell, Air HQs, Disha, Motilal Nehru Marg, New Delhi-110011

Website : www.careerairforce.com

(D) Different Ranks of Indian Air Force

- | | | |
|------------------------|------------------------|------------------------|
| (i) Flying Officer | (v) Group Captain | (ix) Air Chief Marshal |
| (ii) Flight Lieutenant | (vi) Air Commodore | |
| (iii) Squadron Leader | (vii) Air Vice-Marshal | |
| (iv) Wing Commander | (viii) Air Marshal | |

(E) Opportunities to become an airman in the IAF

As an airman in the Indian Air Force, you make sure that all the air and ground operations run smoothly. From operating air defence systems to fitting missiles, you are actively involved in all the action happening in the air base and give your support to various missions.

Depending on your educational qualification, you can join the Air Force in the Technical Trades or Non-Technical Trades. No matter at what level you start your career, the Air Force gives you opportunities to learn and grow to newer heights.

After recruitment, you go through a rigorous training at Airmen Training School, Samba (Belgaum). Towards the end of joint basic training, depending on your qualifications, performance, aptitude and physical attributes, you are allotted a specific trade. After successful completion of trade phase training, you are posted as Aircraftsman at any of the Air Force Stations.

As an airman, you are to support various missions and have many growth opportunities in your way. Depending on your suitability and inclination, you can move to specialized trades or get commissioned as an officer in the Air Force.

Depending on your qualification, you can join any of the Combatant Groups as mentioned below.

(i) If your qualification is Matriculation or equivalent then you are eligible for the following

- You can join Combatant Group Y if you have passed your tenth standard. In case of Technical trades in Group Y, depending on your performance, you can rocket to combatant Group X. Opportunities to become officers also exist for all Group Y tradesmen.
- You can be a part of Combatant Group 'Z' if your education is less than the tenth standard. You can later move to Combatant Group 'X' or 'Y' or even become an officer.

The eligibility criteria to make the entry into combat group Y is given in the following table :

Combat Group	Age	Marital Status	Nationality	Gender	Educational Qualification
1	2	3	4	5	6
Y	16-20 years	Single	Indian	This is applicable only to men	Passed Matriculation or equivalent examination with a minimum aggregate score of 50% with pass marks in English or passed Intermediate or equivalent with a minimum aggregate score of 50% with pass marks in English in Matric or Intermediate

Under Combatant Group 'Z', you can join as a Musician in the Non-Technical trades. As a Musician, you would be a part of the Air Force band. We would ensure that you are trained to play different musical instruments.

(ii) To join the Musician Trade you must fulfil the following requirements

Combat Group	Age	Marital Status	Nationality	Gender	Educational Qualification
1	2	3	4	5	6
Z	17-35 years	Single	Indian	Men	Possess an elementary knowledge of Mathematics. One must be able to read and write English and is proficient in playing at least one of the following instruments: Trumpet, Bass, Violin, Saxophone, Clarinet Euphonium, Jazz Drum, Piccolo, Bass, Trombone, Key Board.

(iii) Opportunities for Intermediate (10+2)

After your 10+2; you can apply for Technical trades and take off for a challenging and fulfilling career for life in the Air Force. As an airman, you are to support various missions and have many growth opportunities in your way. Depending on your suitability and inclination, you can move to specialised trades or get commissioned as an officer in the Air Force. The eligibility criteria to make entry into combat Group – X is given in the following table.

Combat Group	Age	Marital Status	Nationality	Gender	Educational Qualification
1	2	3	4	5	6
X	16-22 years	Single	Indian	This is applicable only to men	Passed 10+2 or equivalent examination with English, Mathematics and Physics. A minimum aggregate of 50% marks.

(iv) Opportunities for Diploma holders

If you have a Diploma in Engineering, you can join the Technical Trades in the Air Force in the Combatant Group 'X'. Here you handle trades of highly specialised nature. You must fulfil the following eligibility criteria to apply:

Combat. Group	Age	Marital Status	Nationality	Gender	Educational Qualification
1	2	3	4	5	6
X	16-22 years	Single	Indian	This is applicable only to men	You should have a three-year Diploma in Engineering from a Government recognized polytechnic or institute in any of the following subjects: Mechanical, Electrical, Electronics, Automobile Computer Science, Instrumentation Technology

(v) Opportunities for Graduates

The Indian Air Force offers graduates a challenging career as an Education Instructor to graduates in Group 'X' Non-Technical trades. After you have cleared our initial selection procedure, you go through a rigorous training regimen at the training institute. Thereafter, you are inducted and posted as a Sergeant at any of the Air Force Stations.

As an Education Instructor, you would be a part of Combatant Group 'X'. You would be responsible for conducting classes and examinations and also undertaking maintenance and administration of libraries, information rooms and schools. Keep on reading to know the eligibility criteria given below:

Combat. Age Group	Age	Marital Status	Nationality	Gender	Educational Qualification
1	2	3	4	5	6
X-Non Technical	20-25 years	Single	Indian	only to men	Graduation with a teaching Degree or Diploma of a recognized University with a minimum 50% aggregate marks in each qualification. OR (ii) BA(Hons)/B.Sc(Hons)/BCA with a minimum score of 50% marks

(vi) Opportunities for Post Graduate

The Indian Air Force offers a challenging career as an Education Instructor to post graduates in the Group 'X' Non-Technical trades. After you have cleared the initial selection procedure, you go through a rigorous training regimen at the training institute. Thereafter, you are inducted and posted as a Sergeant at any of the Air Force Stations.

As an Education Instructor, you are the part of Combatant Group 'X'. and are responsible for conducting classes and examinations and also undertaking maintenance and administration of libraries, information rooms and schools. You must fulfil the following eligibility criteria to apply:

Combat. Age Group	Age	Marital Status	Nationality	Gender	Educational Qualification
1	2	3	4	5	6
X Non Technical	20-28 years	Single	Indian	Only to men	A minimum second class MA in English/M Sc in Maths, Physics, Computer Science or MCA

Selection Procedure

Step 1- Processing / Screening of Application

Step 2- Testing the Abilities

Step 3- Conducting Medical Examination

Step 4- Preparing Merit List

The subjects you will be tested on will depend on the trade you have applied for. The following are the details:

- **Technical Streams**

You will be tested in four papers- English, Mathematics, Science & Intelligence and General Awareness.

- **Non-Technical / MTD Streams**

You will be tested for English & Intelligence and General Awareness. (The examination is based on the CBSE (X / XII) curriculum / syllabus.)

- **Education Instructors**

The pattern of the paper is in keeping with the basic minimum educational qualification required. Here, in addition to above papers there will be a descriptive type of English test followed by an interview. For Musician Trade a candidate has to display his efficiency in playing the musical instrument.

Depending upon your score as well as your position in the Merit List, you will be assigned to one of the streams in the Technical or Non-Technical Trades. After you have completed your enrolment formalities, you will be sent to the Administrative Training Institute for 26 weeks for Basic Combatant Training. Thereafter, you will be sent to one of the Training Institutes for specialization in the trade you are assigned.

Medical Standards

Height	Chest	Weight	Vision	Hearing	Dental	General Health
Mini Height: 152.5 cms.	(i) Minimum expanded chest measurement: 75 cm. (ii) Minimum range of expansion: 5 cm.	Corresponding to height and age	Unaided 6/6 Corrected with glass: 6/12 each eye or 6/6 better eye and 6/18. worse eye Power limit upto + 5.5 Diopters. Colour vision: CP-III/IV. Candidates using corrective glasses are to be in possession of latest prescription by eye specialist.	Hearing : Able to hear forced whisper at 600 cms	Should have healthy gums, good set of teeth and minimum 14 dental points	The candidate must be physically and mentally fit to perform duty in any part of the world, in any climate and terrain

Technical Branches : Aeronautical engineering, Electronics, Mechanical

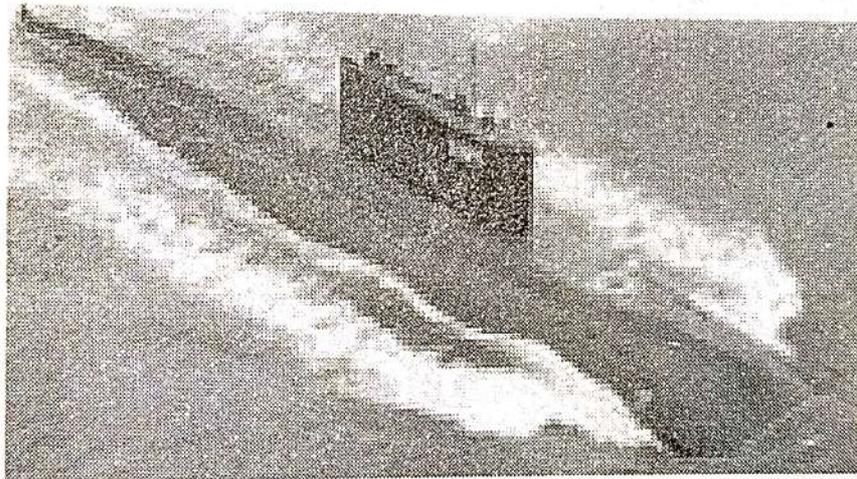
Others : Administrative Branches; Logistic Branch; Accounts Branch; Meteorological Branch; Education Branch; Medical and Dental Branch.

For further information in respect of benefits like Promotion to higher rank, Perks and other facilities, Career prospects, retirement benefits, prospects to become a commissioned officer etc. may be collected from concerned Airmen Selection Centres.

List of Airmen Selection Centres may be seen at **Annexure-I**

OTHER IMPORTANT INFORMATION

1. PRIVILEGES AND PERKS TO THE OFFICERS OF ARMED FORCES
2. CIVIL POSTS IN DEFENCE SERVICES
3. CAREER FOR WOMEN IN THE ARMED FORCES
4. NATIONAL DEFENCE ACADEMY (NDA)
5. COMBINED DEFENCE SERVICE EXAMINATION
6. PAY SCALES OF ARMY OFFICERS AND EQUIVALENT RANKS IN AIR FORCE AND NAVY
7. ADDRESSES OF DIFFERENT HEAD QUARTERS
8. ADDRESSES OF AIRMEN SELECTION CENTRES



(1) PRIVILEGES AND PERKS TO THE OFFICERS OF ARMED FORCES:

- 60 days Annual Leave and 20 days Casual Leave per year
- Loans for Housing, Car, Motorcycle and Computer at concessional rates
- Medical cover for self, family and dependents
- Special rail/air concession for self and family
- Insurance cover
- Free transport for school-going children
- Study leave up to 2 years with full pay and allowances
- Facility of canteen, Mess and club at all stations of posting
- Group Housing Scheme on concessional rates
- Furnished Government accommodation
- Rapid promotion to higher ranks
- Free ration for self

Allowances

- Kit Maintenance Allowance
- Dearness Allowance
- House Rent Reimbursement
- City Compensatory Allowance
- Transport Allowance
- Hill Compensatory Allowance
- High Altitude/uncongenial Climate Allowance
- Counter Insurgency Operations Allowance

Retirement Benefits

- Pension
- Medical Cover for self, wife and dependents
- Canteen, mess and club facility

(2) CIVIL POSTS IN DEFENCE SERVICES:

Lower Division Clerk, Cook, Laskar, Safaiwala, watchman, Mess waiter, Ward Sahayika, Dhobi, Mochi, Turner(SK), Welder(SK), black Smith (SK), Joiner/ Carpenter (SK), Artist Painter (SK), Painter/Dental (SK), rigger (SK), Boot Repairer/ Boot maker, Civilian Motor Driver(Ordinary Grade), Telephone Operator, Lab Assistant, Fire Engine Driver, Driver Crane Mobile etc.If any person who is interested in these posts and satisfy all relevant requirements i.e Educational Qualification, Age, Experience etc as per the advertisement, they can apply for these posts.

(3) CAREER FOR WOMEN IN THE ARMED FORCES.

Today we have women officers in all the three services of the Indian Armed Forces. i.e Army, Navy & Air Force. The commission for women in Armed Forces is a Short Service Commission of five years extendable up to 14 years in all the three services. It is only in the Medical Services that women can apply for a permanent commission.

(3-i) Indian Army:

After every six months, 75 women are included for training at the Officers training Academy, Chennai. These women are called the lady cadets (LCs). The LCs undergo a six months military training after which they are commissioned as officers in the Indian Army. Unmarried women below 25 years can apply if they are Graduate and below the age of 27 years if they are Post Graduates. They need to have a height of above 152cm (5ft). The eligibility conditions in respect of qualifications and percentage of marks are as below.

Srl No	Educational Qualification	Condition
1	2	3
(1)	B.Sc(PCM / Computer / Non PCM), BA, B.Com, BBA, BCA	60% and above
(2)	M.Sc (Computer Science / Electronics / Maths / Organic/ Biochemistry / Microbiology / food Technology / Home Management / Catering Technology), MCA, MA (Psychology / History / Geography / English), LLB	50% and above
(3)	BE/BTech (Computer Science / Computer Engineering, & Electronic Engineering / Telecommunication / Electronics Telecommunication / Information Technology / Civil / Electrical / Mechanical / Production / Architecture)	Pass

(3-ii) Indian Navy

Women can get commissioned in the Executive Branch or in the Education Branch of the Indian Navy. Minimum requirements are as follows

Age: Max 25 years **Height:** 152cms (5ft)

Education: BCA/MCA, BA(Economics), B.Com, BE/Btech (Mechanical / Marine / Electrical / Electronics / Electronics & Telecommunications / Instrumentation / Computers(IT))

(3-iii) Indian Air Force

Women can be commissioned into the Indian Air force in Flying branch, Technical stream as well as in the Administration and Logistics. The following are the eligibility criteria

Nature of duties	Height	Age	Qualification
1	2	3	4
Flying	162.5 cm (5.4f) and above, with leg length 99cm-120cm	Below 23 years	BA/BCom/B.Sc/BE/BTech/Any Graduate
Ground Duties	152cm (5f) and above	Below 23 years for Graduates. Below 25 years for Post Graduates/ CA/ICWA/LLB	BA / B.Com / M.Com / B.Sc / BE / B.Tech / (any stream) MA(English/ Defence Studies / Psychology / Geography) M.Sc (Any branch). MBA / CA / ICWA / LLB
Technical	152cm (5f) and above	Below 28 years	BE / BTech (Electronics / Electrical / Mechanical / Telecommunications/ Electronics & Telecommunications, Instrumentation / Computer Science/ Aeronautical Engineering / Production / Industrial Production) M.Sc (Computer Science / Computer Application)

(4) NATIONAL DEFENCE ACADEMY EXAMINATION (NDA)

Recruitment of candidates to Army, Navy and Air force wings of the National Defence Academy (NDA) is through National Defence Academy Entrance Exam, which is held twice a year, generally in the month of April and September. Union Public Service Commission (UPSC) conducts NDA exam. A candidate must be an unmarried male. The course of training is for three years.

The candidate is required to give his preference for the service he wishes to join, however the final decision also depends on the rank he secures in the merit list. The candidate should first decide their preference for the two academies i.e. National Defence Academy and Naval Academy (Executive Branch). If a candidate opts for NDA as his first choice, he has to then give his preferences for the three wings of the NDA i.e. Army, Navy, Air force, followed by his preference for Naval Academy. Alternatively, if he gives his first preference to Naval Academy, he has to follow it with his preference for the three wings of the NDA.

NDA awards you a Bachelor's degree in Arts, Science or Computer Science on completion of your training. If you join the technical stream, you will be offered a Graduate and Post Graduate degree in Engineering from one of the finest institutes of technology in the country. If you are selected for the prestigious Defence Services Staff College course, you'll be awarded a Master of Science degree in Defence and Strategic Studies. The Indian Army also runs some of the country's most prestigious academies and institutes. This covers a wide range of subjects from engineering to medicine, administration to strategy, and armament technology to management. The choice is indeed limitless. In fact, you can even get into Research & Development, if you desire. That's not all. You can also take a study leave amidst your tenure for an added educational qualification.

Candidates who desire to join Air Force Academy (AFA) must indicate AFA as first choice, as they have to be administered pilot aptitude battery test at one of the AFSB and AF Medical at Central Medical Establishment/ Institute of Aviation Medicines.

Application

Information Brochure will be obtainable from the designated Head Post Offices/ Post Offices throughout the country on payment of a requisite amount. Blank application forms and other particulars are published by UPSC in leading newspapers and Employment News in the month of **March** and **September**. A candidate seeking admission must apply to **The Secretary, UPSC, Dholpur House, Shahjahan Road, New Delhi- 110069** on prescribed application form.

Fee: ₹ 50/- (Rupees fifty only) through Central Recruitment Fee Stamp only. SC/ST candidates are exempted from payment of fees. However, OBC candidates are required to pay full fee.

Scheme of the Examination

The examination comprises of:

- (i) Written Examination
- (ii) Intelligence, obstacles and Group Tests

About written Exam

The subjects of the written examination, the time allowed and the maximum marks allotted to each subject will be as follows

SUBJECT	Duration	Maximum marks
Mathematics	2½ Hrs	300
General Ability Test	2½ Hrs	600

The papers in all subjects will consist of OBJECTIVE-TYPE questions only. The question papers (Test Booklets) of Mathematics and part B of General Ability test will be set bilingually in Hindi as well as English.

Eligibility

Academy	Educational qualification	Age	Marital status	Examination subjects
1	2	3	4	5
For Army wing of National Defence Academy	12 th Class pass of the 10+2 pattern of School Education or equivalent examination conducted by a State Education Board or a University.	16 ½ to 19 year	Unmarried Male	English, General Knowledge, Elementary Mathematics.
For Air Force Wings of National Defence Academy	12 th Class pass of the 10+2 pattern of School Education or equivalent with Physics and Mathematics conducted by a State Education Board or a University.	16 ½ to 19 year	Unmarried Male	English, General Knowledge, Elementary Mathematics
For Naval Wings of National Defence Academy	12 th Class pass of the 10+2 pattern of School Education or equivalent with Physics and Mathematics conducted by a State Education Board or a University.	16 ½ to 19 year	Unmarried Male	English, General Knowledge, Elementary Mathematics
Executive Branch Course at the Naval Academy	12 th Class pass of the 10+2 pattern of School Education or equivalent with Physics and Mathematics conducted by a State Education Board or a University	16 ½ to 19 year	Unmarried Male	English, General Knowledge,

Candidates who are appearing in the 12th Class under the 10+2 pattern of School Education or equivalent examination can also apply.

Selection procedure

Admission will be made on the results of the written examination conducted by the Commission followed by intelligence and personality test by the Services Selection Board. Candidates who qualify in the written examination will be put to stage one test on first day of reporting at Selection Centres/Air Force Selection Boards. Only those candidates who qualify at stage one will be

admitted to the second stage/remaining tests. Those candidates who qualify stage II will be required to submit the original Certificates along with one photocopy each of: (i) original Matriculation pass certificate or equivalent in support of date of birth; (ii) Original 10+2 pass certificate or equivalent in support of educational qualification.

Interview : Those who qualify the written test, has to undergo an interview. The maximum marks allotted to the written examination and to the interview will be equal for each course i.e. the maximum marks allotted to the written examination and to the interviews will be 300,300,300 and 200 each for admission to the Indian Military Academy, Naval Academy, Air Force Academy and Officers' Training Academy respectively.

Intelligence and Personality Test : In addition to the interview, the candidates will be put to intelligence test of both verbal and non-verbal nature, designed to assess their basic intelligence. They also have to undergo group tests, such as group discussions, group-planning, outdoor group tasks and asked to give brief lectures on specified subjects. All these tests are intended to judge the mental calibre of a candidate.

To be acceptable, candidates for the Army/Navy and Naval Academy should secure the minimum qualifying marks separately in (i) Written examination and (ii) Officer potentiality test, as fixed by the Commission in their discretion, and candidates for the Air Force should secure the minimum qualifying marks separately in (i) Written examination (ii) Officer potentiality test, and (iii) Pilot Aptitude Test as fixed by the Commission in their discretion.

N.B. : Every candidate for the Air Force is given Pilot Aptitude Test only once. The Grade secured by him at the first test will therefore hold good for every subsequent interview he has with the Air Force Selection Board. A candidate who fails in the first Pilot Aptitude Test cannot apply for admission to the National Defence Academy Examination for the Air Force wing or General Duties (Pilot) Branch or Naval Air Arm.

Candidates who have been given the Pilot Aptitude Test for any previous N.D.A. course should submit their application for this examination for the Air Force Wing only if they have been notified as having qualified in the Pilot Aptitude Test.

Physical Standards : Candidates must be physically fit according to physical standards for admission to National Defence Academy and Naval Academy Examination as per guidelines given below :

- The candidate must be in good physical and mental health and free from any disease/disability which is likely to interfere with the efficient performance of military duties.
- There should be no evidence of weak constitution, bodily defects or under weight. The candidate should not be overweight or obese.
- The minimum acceptable height is 157.5 cms. (162.5 cms for Air Force)

Height and weight standards at different age levels are given below :

Height/Weight Standards for Army/Air Force

Table-I

Height in Cms. (Without shoes)	Weight in Kgs.		
	16-17 years	17-18 years	18-19 years
152	42.5	44	45
155	43.5	45.5	47
157	45	47	48
160	46.5	48	49
162	48	50	51
165	50	52	53
167	51	53	54
170	52.5	55	56
173	54.5	57	58
175	56	59	60
178	58	61	62
180	60	63	64.5
183	62.5	65	66.5

Height / Weight Standards for Navy

Height in Cms. (Without shoes)	Weight in Kgs.		
	16 years	18 years	20 years
152	44	45	46
155	45	46	47
157	46	47	49
160	47	48	50

Height in Cms. (Without shoes)	Weight in Kgs.		
	16 years	18 years	20 years
162	48	50	52
165	50	52	53
168	52	53	55
170	53	55	57
173	55	57	59
175	57	59	61
178	59	61	62
180	61	63	64
183	63	65	67

Note 1 : Height relaxable upto 2.5 cm (5 cm. For Navy) may be allowed where the Medical Board certifies that the candidate is likely to grow and come up to the required standard on completion of his training.

Note 2 : To meet special requirement as a pilot in the Air Force the acceptable measurements of leg length, thigh length and sitting height will be as under :-

Condition	Minimum	Maximum
Leg Length	99.00cms.	120.00 cms.
Thigh Length	—	64.00 cms.
Sitting Height	81.50cms.	96.00 cms.

There should be no disease of bones and joints of the body. X-ray of spine of candidates will not be carried out as a routine except for Air Force. It will, however, be done on the advice of surgical specialist wherever clinically indicated. Minor congenital defects which are not likely to interfere in the performance of military duties may be acceptable on merit.

Visual Standards for Naval candidates:

Uncorrected without glass	6/6
corrected with glass	6/6
Limits of Myopia	-0.75
Limits of Hypermetropia	+1.5

Binocular Vision
Limits of colour perception

III
I

Ocular Muscle Balance Heterophoria with the Maddox Rod Test must not exceed

(i) at 6 meter	Exophoria 8 prism dioptres Esophoria 8 prism dioptres Hyperphoria 1 prism dioptres
(ii) at 33 cm	Exophoria 16 prism dioptres Esophoria 6 prism dioptres Hyperphoria 1 prism dioptres

For Air Force, the criteria are

Candidates who habitually wear spectacles are not eligible for Air Force.

Distant Vision	6/6, 6/9 and correctable to 6/6 only for Hypermetropia. No Manifest Myopia permitted.
Near Vision	N-5 each eye
Color Vision	CPI(MLT)
Manifest	Must not exceed
Hypermetropia	+2.00 D Sph
Myopia	Nil
Astigmatism	+0.75 Cyl
Heterophoria with the Maddox Rod Test must not exceed	
(i) at 6 meter	Exophoria 6 prism dioptres Esophoria 6 prism dioptres Hyper/ Hypophoria 1 prism dioptres
(ii) at 33 cm	Exophoria 16 prism dioptres Esophoria 6 prism dioptres Hyper/ Hypophoria 1 prism dioptres
(iii) Binocular Vision	Must possess good binocular vision

For Army

A candidate should be able to read in a distant vision chart 6/6 in better eye and 6/9 in worse eye with or without glasses. Myopia should not be more than 2.5 D

and hypermetropia not more than 3.5D including Astigmatism. A candidate must have good binocular vision. The colour vision standard will be CPIII.

(5) COMBINED DEFENCE SERVICE EXAMINATION (CDSE)

Combined Defence Service exam is conducted by UPSC twice every year for recruitment to office cadre of the Army, Navy and Air force. CDS exam is conducted generally in the months of May and October.

Application

Information Brochure will be obtainable from the designated Head Post Offices/ Post Offices throughout the country on payment of a requisite amount. Blank application forms and other particulars are published by UPSC in leading newspapers and Employment News in the month of **May** and **October**. A candidate seeking admission must apply to **The Secretary, UPSC, Dholpur House, Shahjahan Road, New Delhi- 110069** on prescribed application form.

Fee: ₹ 100/- (Rupees one hundred only) through Central Recruitment Fee Stamp only. SC/ST candidates are exempted from payment of fees. However, OBC candidates are required to pay full fee.

Scheme of the Examination: The examination comprises of:

(a) Written Examination

(b) Interview for intelligence and personality test of such candidates as may be called for interview at one of the Services Selection Centers

About written examination

(i) **The subjects of the written examination, the time allowed and the maximum marks allotted to each subject will be as follows:**

For Admission to Indian Military Academy, Naval Academy and Air Force Academy

Subject	Duration	Maximum Marks
English	2 hours	100
General Knowledge	2 hours	100
Elementary Mathematics	2 hours	100
For Admission to Officers Training Academy		
English	2 hours	100
General Knowledge	2 hours	100

The papers in all subjects will consist of objective type questions only. The question paper of General Knowledge and Elementary Mathematics will be set bilingually in Hindi as well as in English.

Candidates qualifying the written test are interviewed by the Service Selection Board and if finally selected, depending upon the choice given by the candidates and their merit list ranking, are sent to one of the following institutes for orientation training: —

- (a) Indian Military Academy (IMA), Dehradun
- (b) Naval Academy, Goa
- (c) Air Force Academy, Begumpet, Hyderabad
- (d) Officers Training Academy (OTA), Chennai

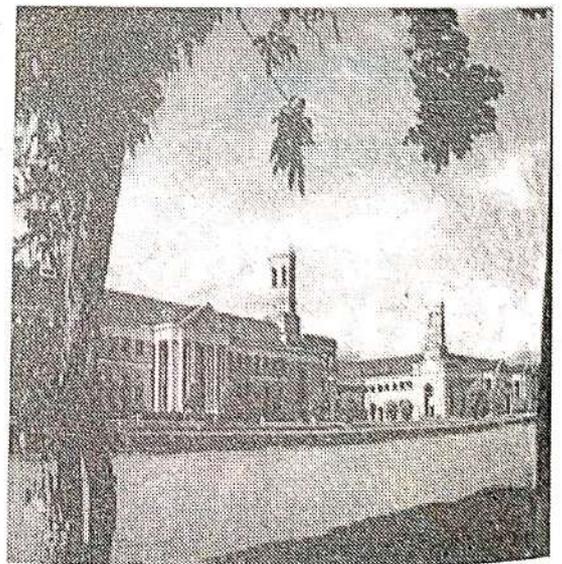
Those joining the first three institutes get permanent commission, however cadets passing out of OTA get short service commission. Applicants are required to mention their preferences while filling up the application forms. Since women candidates are eligible for OTA only, they should give OTA as their first and only preference.



Air Force Academy, Begumpet, Hyderabad



Naval Academy, Goa



Indian Military Academy (IMA),
Dehradun

Requirements of different Academies

Academy	Educational qualification	Age	Marital status	Examination subjects
Indian Military Academy	A degree from a recognized University or equivalent	19-24 year	Unmarried male candidates	English, General Knowledge, Elementary Mathematics
Officers Training Academy	A degree from a recognized University or equivalent	19-25 year	Male candidates (married or unmarried)	English, General Knowledge
Naval Academy	B.Sc. with Physics and/or Mathematics or Bachelor of Engineering.	19-22 year	Unmarried male candidates	English, General Knowledge, Elementary Mathematics
Air Force Academy	B.Sc. of a recognized University or equivalent with Physics and/or Mathematics as subjects or Bachelor of Engineering.	19-23 year	Unmarried male candidates	English, General Knowledge, Elementary Mathematics

Note : Candidates who are studying in final year degree course and have yet to pass final year degree examination can also apply, but they will be required to submit proof of passing by the specified dates of UPSC's notice for examination

Interview and Special Tests

Those who qualify the written test, undergo interview and a series of intelligence and personality tests. The tests, both verbal and non-verbal, are designed not only to judge the mental caliber of the candidate but also to assess his social traits and interest in current affairs.

Personality tests – These tests are as follows

Situation Reaction Test (SRT) – Sixty situations are given and the candidate is required to answer the reactions within 30 minutes.

Thematic Apperception Test (TAT) – A set of 12 pictures are shown and the candidate is required to write a story in 3 minute for each picture.

Word Association Test (WAT) – Sixty words are projected and the candidate is required to make a sentence, in 15 seconds for each word.

Group test – Group Test is conducted in batches of 8-10 candidates. The test consists of group planning, group discussion, and outdoor group tasks. The candidates are asked to take lectures on certain topics.

Physical Standards

Candidates recommended by the Services Selection Board must undergo a medical examination by the Board of Service Medical Officers and are allowed to go for the training programs only after being declared fit by the medical board. However, the president of the medical board will intimate the candidates declared unfit and the procedure for request for an appeal to medical board will also be intimated to the candidate. Candidates who are unfit may apply for appeal medical board to be completed within 42 days of SMB and may request for Review Medical Board (RMB) within one day of completion of Appeal Medical Board.

Height and Weight Standards (Males)

Height in Centimeters (Without shoes)	Correspondant weight in K.gs		
	18 yrs	20 yrs	22 yrs
152	44	46	47
155	46	48	49
157	47	49	50
160	48	50	51
162	50	52	52
165	52	53	55
168	53	55	57
170	55	57	58
173	57	59	60
175	59	61	62
178	60	62	63
180	63	64	65
183	65	67	67
185	67	69	70
188	70	71	72
190	72	73	74
193	74	76	77
195	77	78	78

Height and Weight Standards (Females)

Height in Centimeters (Without shoes)	Correspondant weight in K.gs		
	20 yrs	25 yrs	30 yrs
148	39	41	43
150	40	42	43.5
153	42	43.5	45
155	43	44	46
158	45	46	48
160	46	47	49
163	47	49	51
165	49	51	53
168	50	52	54

Visual Standards

A male candidate should be able to read 6/6 in a distant vision chart with each eye with or without glasses (For Navy and Air Force without glasses only). Myopia should not be more than 3.5D and hypermetropia not more than 3.5D including Astigmatism.

For women candidates the minimum acceptable visual acuity are Distant Vision (corrected) better eye 6/6, worse 6/18, Myopia of not more than minus 5.5 including Astogination.

The colour vision standard will be CP-III for Army, it will be CP-I for executive branch and CP-II for the rest. A candidate should be able to recognize red and green colours.

Visual Standards for Navy

- | | |
|----------------------------------|------|
| (i) Uncorrected without glass | 6/12 |
| (ii) Corrected with glass | 6/6 |
| (iii) Limits of Myopia | -3.5 |
| (iv) Limits of Hypermetropia | +2.5 |
| (v) Binocular Vision | III |
| (vi) Limits of colour perception | I |

In addition to the above, the following medical standards will be applicable in respect of Air Force candidates only.

Anthropometric measurements acceptable for Air Force are as follows :

Height	: 152.5cms
Leg Length	: Min : 99 cms
	: Max : 120 cms
Thigh Length	: Max : 64 cms
Sitting Height	: Min : 81.5 cms
	: Max : 96 cms

Vision:

- (i) Distant Vision 6/6, in one eye and 6/9 correctable to 6/6, near vision N-5 each eye, Colour Vision CP-I (MLT)
- (ii) Manifest Hypermetropia must not exceed +2.00 DCYL "Myopia-NIL" & +0.75 DCYL

Ocular Muscle Balance Heterophoria with the Maddox Rod Test must not exceed

i) At 6 meter	Exophoria 8 prism dioptres
	Esophoria 8 prism dioptres
	Hyperphoria 1 prism dioptres
ii) at 33 cms	Exophoria 16 prism dioptres
	Esophoria 6 prism dioptres
	Hyperphoria 1 prism dioptres

Hearing Standards :

Speech test : Whispered hearing 610 cms each ear.

Audiometric test : Audiometric loss should not exceed +20 db in frequencies between 250 Hz and 4000 Hz.

Pay Scales of Army Officers equivalent ranks in Air Force and Navy

Rank	Pay Band	Grade Pay
Lieutenant	₹15000—39100	₹5400
Captain	₹15000—39100	₹6100
Major	₹15000—39100	₹6600
Lt.Colnal	₹37400-67000	₹8000
Colnal	₹37400-67000	₹8700
Brigadier	₹37400-67000	₹8900
Major General	₹37400-67000	₹10000

Note : A fixed sum of ₹ 6000/-p.m also payable as Military pay to the officers from the rank of Lieutenant to Brigadiar.

ANNEXURE-I

- (1) HQ Western Air Command, IAF, Subroto Park, New Delhi-110010
- (2) HQ Central Air Command, IAF, Bamrauli, Allahabad (UP)-21101
- (3) HQ Eastern Air Command, IAF, Nong Lyer, Shillong-739009 (Meghalaya)
- (4) HQ Maintenance Command, IAF, Vayu Sena Nagar, Nagpur (Mah.)-440007
- (5) HQ South Western Air Command, IAF, Sector-9, Gandhi Nagar (Guj.)-382009
- (6) HQ Training Command, IAF, JC Nagar P.O, Hebbal, Bangalore-560006(Karnataka)
- (7) HQ Southern Air Command, IAF, Thiruvananthapuram-695031(Kerala)

ANNEXURE-II

(1) Airmen Selection Centre 48, Mansfield Road, Ambala Cantt.-133001 Tel: 0171-2634980 Extn:4410	(2) Airmen Selection Centre Race Course Camp, New Delhi-110003 Tel No: 011-3377652/3010231 Ext. 7652
(3) Airmen Selection Centre AF Station Chakeri, Kanpur-208008 Tel No: 0512-451730 Ext. 4603	(4) Airmen Selection Centre (Near Palta Gate) AF station, Barrackpore West Bengal-743122 Tel No: 133-5601251 Ext: 350
(5) Airmen Selection Centre Old Pali Road, Jodhpur-342001 Tel: 0291-511516 Ext: 2435	(6) Airmen Selection Centre AF Station, Cotton Green Mumbai-400033 Tel No:022-3714982Ext.251
(7) Airmen Selection Centre No.1 Cubbon Road, Bangalore-560001 Tel No.: 080-5592199	(8) Airmen Selection Centre AF Station Tambaram, Chennai-600046 Tel No: 044-2375556 Ext 3359
(9) Airmen Selection Centre Opposite Rajadhani College, Baramunda, Bhubaneswar -751003 Tel No: 0674-591736	(10) Airmen Selection Centre AF Station Bihta, Patna (Bihar)-801103 Tel No: 0612-235502 Ext.4340
(11) Airmen Selection Centre Borjhar, Guwahati-781015 Tel No. 0361-840976 Ext.333	(12) Airmen Selection Centre AF Station Bowenpalli, Secunderabad-500011 Tel No. 040-7753551 Esxt.267
(13) Airmen Selection Centre VII/302-B,Vayu Sena Road, Kakkand, Kochi-682030 Tel No. 0484-427010	(14) Central Airmen Selection Board Brar Square, Delhi Cantt. New Delhi-110010

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