

**UNION PUBLIC SERVICE COMMISSION**

EXAMINATION NOTICE NO. 3/2025-NDA-E

DATED 11.12.2024

(Last Date for Submission of Applications: 21.12.2024)

NATIONAL DEFENCE ACADEMY & NAVAL ACADEMY EXAMINATION (I) 2025

(Commission's Website <http://upsc.gov.in>)**IMPORTANT****1. CANDIDATES TO ENSURE THEIR ELIGIBILITY FOR THE EXAMINATION:-**

The candidates applying for the examination should ensure that they fulfil all the eligibility conditions for admission to the Examination. Their admission at all the stages of the examination will be purely provisional subject to satisfying the prescribed eligibility conditions.

Issue of Admission Certificate to the candidates will not imply that his candidature has been finally cleared by the Commission.

Verification of eligibility conditions with reference to original documents is taken up only after the candidate has qualified for interview/Personality Test.

2. HOW TO APPLY

Candidates are required to apply online by using the website upsconline.gov.in. A candidate who is willing to apply for National Defence Academy and Naval Academy Examination shall be required to apply on-line and submit the requisite information and supporting documents towards various details, such as date of birth, educational qualifications, etc. as may be sought by the Commission alongwith the Registration and Online Application Form. For detailed instructions for filling up the form, the Notice for National Defence Academy and Naval Academy Examination (I), 2025 may be referred. The failure to provide the required information/documents alongwith the Online Application Form or within the correction-window, if any, provided by the Commission will entail cancellation of candidature for the examination.

Registration has to be done only once in his term. This can be done anytime throughout the year. If the candidate is already registered, he/she can proceed straightaway for filling up the online application for the examination.

2.1 Modification in Registration Profile:

In case, the candidate wants to effect any change in his/her Registration profile, it shall be allowed only once in the lifetime after the registration at Registration platform. The option to change in Registration profile data shall be available till expiry of 7 days from the last day after the closure of application window of his/her first final application for any Examination of the Commission. In case, the candidate after registration applies for the first time in this examination, last date of modification of Registration would be 07.01.2025.

2.2 Modification in application form (Other than Registration Profile):

The Commission has also decided to extend the facility of making correction(s) in any

field(s) of the application form for the examination from next day of the closure of the application window of this Examination. This window will remain open for 7 days from the date of opening of the same i.e. from 01.01.2026 to 07.01.2026. In case a candidate wants to carry out any change in his/her Registration profile during this period, then he/she should login to the Registration platform and do the same accordingly. In other words, no change to the Registration profile can be made by visiting the window for Modification as application form.

2.3 The candidate will not be allowed to withdraw their applications after the submission of the same.

2.4 Candidates should also have details of one photo ID viz. Aadhar Card/ Voter Card/ PAN Card/ Passport/ Driving License/ School Form ID/Any other photo ID Card issued by the State/Central Government. The details of this photo ID will have to be provided by the candidate while filling up the Registration and online application Form. The same photo ID card will also have to be uploaded with the Registration and online application Form. This photo ID will be used for all future reference and the candidate is advised to carry this ID while appearing for examination, etc.

3. LAST DATE FOR SUBMISSION OF APPLICATIONS:

The Online Applications can be filled upto 31.12.2025 till 6:00 PM. The eligible candidates shall be issued an e-Admit Card on the last working day of the preceding week of the date of examination. The e-Admit Card will be made available on the UPSC website (www.upsc.gov.in) for being downloaded by candidates. No Admit Card will be sent by post. All the applicants are required to provide valid e-mail id while filling up online application form as the Commission may use electronic mode for contacting them.

4. PENALTY FOR WRONG ANSWERS.

Candidates should note that there will be penalty (Negative Marking) for wrong answers marked by a candidate in the Objective Type Question Papers.

5. Online Question Paper Representation Portal (QPRP)

The Commission has introduced a time frame of 7 days (a week) i.e. from the next day of the Examination Date to 6:00 p.m. of the 7th day is fixed for the candidates to make representations to the Commission on the questions asked in the Papers of the Examination. Such representation must be submitted through the "Online Question Paper Representation Portal (QPRP)" only by accessing the URL: <http://upsconline.gov.in/moodle/ucron/QPRP/>. No representation, by email/post/hand or by any other mode shall be accepted and the Commission shall not involve into any correspondence with the candidates in this regard. No representation shall be accepted under any circumstances after this window of 7 days is over.

For both writing and marking answer in the OMR sheet (Answer Sheet) candidates must use black ball pen only. Pen with any other colour are prohibited. Do not use Pencil or Ink pen. Candidates should note that any omission/mistake/discrepancy in marking/filling of details in the OMR answer sheet especially with regard to Roll Number and Test Booklet Series Code will render the answer sheet liable for rejection. Candidates are further advised to read carefully the "Special Instructions" provided in Appendix III of the Notice.

6. FACILITATION COUNTER FOR GUIDANCE OF CANDIDATES:

In case of any guidance/information/clarification regarding their application, candidature etc. candidates can contact UPSC's Facilitation Counter near Gate

7. PHONES BANNED.

(a) The use of any mobile phone (even in switched off mode), pager or any electronic equipment or programmable device or storage media like pen drive, smart watches etc. or camera or blue tooth devices or any other equipment or related accessories either in working or switched off mode capable of being used as a communication device during the examination is strictly prohibited. Any infringement of these instructions shall entail disciplinary action including loss from future examinations.

(b) Candidates are advised in their own interest not to bring any of the banned item including mobile phones or any valuable/society items to the venue of the examination, as no arrangement for safe-keeping will be made at the venue of the examination. Candidates will not be responsible for any loss in this regard.

8. Instruction in respect of uploading of Photograph while filling up online application form:

- (a) The photograph, uploaded by candidate should not be more than 10 days old from the start of the online application process (i.e. the application commencement date).
- (b) Ensure that the name of candidate and the date on which the photograph was taken are clearly mentioned on the photograph.
- (c) The candidate's face should occupy 3/4th of the space in the photograph.
- (d) The candidate must ensure that their appearance must match with their photograph at the time of Written Examination. For instance, if a candidate uploads a bearded photograph, he must appear with the same look in the Written Examination. Same would be the case with spectacles, mustaches, etc.

10. The candidates should reach the venue of the Examination well in time at least 30 minutes prior to the commencement of each session of the Examination. No late entry will be allowed inside the Examination under any circumstances.

**CANDIDATES ARE KNOWN TO APPLY ONLINE AT _____ ONLY.
NO OTHER MODE IS ALLOWED FOR SUBMISSION OF APPLICATION.**

**GOVERNMENT STRIVES TO HAVE A WORKFORCE WHICH REFLECTS GENDER BALANCE
AND WOMEN CANDIDATES ARE ENCOURAGED TO APPLY.**

F.No.07/02/2024.E.1(E). An Examination will be conducted by the Union Public Service Commission on 12th April, 2025 for admission to the Army, Navy and Air Force wings of the NDA for the 12th Course and for the 117th Indian Naval Academy Course (INAC) commencing from 2nd January, 2026.

The date of holding the examination as mentioned above is liable to be changed at the discretion of the Commission.

The approximate number of vacancies to be filled on the results of this examination will be as under :-

National Defense Academy	Army	208 (including 10 for female candidates)
	Navy	42 (including 06 for female candidates)
	Air Force	(i) Flying -02 (including 02 for female candidates)
(ii) Ground Duties [Tech] -18 (including 02 for female candidates)		
Naval Academy (10+2 Cadet Entry Scheme)	(a) Ground Duties [Non Tech] -10 (including 02 for female candidates)	
	06 (including 06 for female candidates)	
Total		: 406

Vacancies are provisional and may be changed depending on the availability of training capacity of National Defense Academy and Indian Naval Academy.

N.B. (i) A candidate is required to specify clearly in the Online Application Form the Services for which he wishes to be considered in the order of his preference (1 to 4). He is also advised to indicate as many preferences as he wishes to opt so that having regard to his rank in the order of merit due consideration can be given to his preferences when making appointments.

(ii) Candidates should note that they will be considered for appointment to those services only for which they express their preferences and for no other service(s). No request for addition/alteration in the preferences already indicated by a candidate in his application will be entertained by the Commission. Nevertheless, the Commission has also decided to extend the facility of making correction(s) in any field(s) of the application form for this examination.

This window will remain open for 7 days from the date of opening of the same i.e. from 01.01.2025 to 07.01.2025. In case a candidate wants to carry out any change in his/her Registration profile during this period, then he/she should log into the Registration platform and do the necessary accordingly. In other words, no change in the Registration profile can be made by visiting the window for Modification in application form.

(iii) Admission to the above courses will be made on the results of the written examination to be conducted by the Commission followed by Intelligence and personality

Applicants should note that there will be a ceiling on the number of candidates offered to each of the centres except Chennai, Dispur, Kolkata and Nagpur. Allocation of Centres will be on the Strategy-First basis and once the capacity of a particular centre is attained, the same will be frozen. Applicants who cannot get a centre of their choice due to ceiling, will be required to choose a Centre from the remaining ones. Applicants are, thus, advised that they may apply early so that they could get a Centre of their choice.

N.B. : Notwithstanding the aforesaid provision, Commission reserves the right to change the Centres at their discretion if the situation demands.

Candidates admitted to the examination will be informed of the time table and place or places of examination. Candidates should note that no request for change of centre will be granted.

2. CONDITIONS OF ELIGIBILITY:

(a) Nationality : A candidate must be unmarried male/female and must be :

- (i) a citizen of India, or
- (ii) a subject of Nepal, or
- (iii) a person of Indian origin who has migrated from Pakistan, Burma, Sri Lanka and East African Countries of Kenya, Uganda, the United Republic of Tanzania, Zambia, Malawi, Zaire and Zaire or Vietnam with the intention of permanently settling in India.

Provided that a candidate belonging to categories (ii) and (iii), above shall be a person in whose favour a certificate of eligibility has been issued by the Government of India.

Certificate of eligibility will not, however, be necessary in the case of candidates who are Gurkha subjects of Nepal.

(b) Age Limits, Sex and Marital Status:

Only unmarried male/female candidates born not earlier than 2nd July, 2006 and not later than 01st July, 2009 are eligible.

The date of birth accepted by the Commission is that entered in the Matriculation or Secondary School Leaving Certificate or in a certificate recognized by an Indian University as equivalent to Matriculation or in an extract from a Register of Matriculates maintained by a University which must be certified by the proper authority of the University or in the Secondary School Examination or an equivalent examination certificates. These certificates are required to be submitted only the declaration of the result of the written part of the examination. No other document relating to age like horoscopes, affidavits, birth extracts from Municipal Corporation, service records and the like will be accepted. The expression Matriculation/ Secondary School Examination Certificate in this part of the instruction includes the alternative certificates mentioned above.

NOTE 1: Candidates should note that only the date of birth as recorded in the Matriculation/ Secondary School Examination Certificate available as an equivalent certificate on the date of submission of applications will be accepted by the Commission and no subsequent request for its change will be considered or granted.

NOTE 2: Candidates should also note that once a date of birth has been claimed by them and entered in the records of the Commission for the purpose of admission to an Examination, no change will be allowed subsequently or at any subsequent examination on any ground whatsoever.

All communication in this regard should contain the following particulars:

1. NAME AND YEAR OF THE EXAMINATION.
2. REGISTRATION ID (RID).
3. ROLL NUMBER (IF RECEIVED)
4. NAME OF CANDIDATE (IN FULL AND IN BLOCK LETTERS).
5. COMPLETE POSTAL ADDRESS AS GIVEN IN THE APPLICATION.
6. VALID AND ACTIVE EMAIL ID.

NOTE 3: The candidates should exercise due care while entering their date of birth in the respective column of the Online Application Form for the Examination. If on verification at any subsequent stage any variation is found in their date of birth from the one entered in their Matriculation or equivalent Examination certificate, disciplinary action will be taken against them by the Commission under the Rules.

NOTE 4: The candidates should also note that no addition/deletion/any changes are allowed in online application form in the NDA & NA Examination in any circumstances once it is submitted after the closure of the window for modification of Application as detailed in para 5 below under the caption 'How to Apply'.

NOTE 5: Candidates must undertake not to marry until they complete their full training. A candidate who marries subsequent to the date of his application though successful at this or any subsequent Examination will not be selected for training. A candidate who marries during training shall be discharged and will be liable to refund all expenditures incurred on him by the Government.

(c) educational qualifications

- (i) For Army Wing of National Defence Academy :—12th Class pass of the 10+2 pattern of School Education or equivalent examination conducted by a State Education Board or a University.
- (ii) For Air Force and Naval Wings of National Defence Academy and for the 10+2 Cadet Entry Scheme at the Indian Naval Academy :—12th Class pass with Physics, Chemistry and Mathematics of the 10+2 pattern of School Education or equivalent conducted by a State Education Board or a University.

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

Such candidates who qualify the SSR interview but could not produce Matriculation/10+2 or equivalent certificate in original at the time of SSR interview should forward duly self-attested Photographs to Directorate General of Recruiting, Army HQ, West Block III, S.K. Puram, New Delhi-110066 and for Naval Academy candidates to 'Naval Headquarters, DNDQ, O&S Section, Room No. 104, C' Wing, Iona Shavel, New Delhi-110011' by 15th December, 2025 failing which their candidature will be cancelled. All other candidates who have produced their Matriculation and 10+2 pass or equivalent

certificates in original at the time of attending the SSB interview and have got the same verified by the SSB authorities are not required to submit the same to Army HQ or Naval HQ as the case may be. Certificates in original issued by the Principals of the Institutions are also acceptable in cases where Boards/Universities have not yet issued certificates. Certified true copies/photostatic copies of such certificates will not be accepted.

In exceptional cases the Commission may treat a candidate, who does not possess any of the qualifications prescribed in this rule as educationally qualified provided that he possesses qualifications the standard of which, in the opinion of the Commission, justifies his admission to the examination.

NOTE 1 : Candidates appearing in the 11th class exam are not eligible for this examination.

NOTE 2 : Those candidates who have yet to qualify in the 12th class or equivalent examination and are allowed to appear in the UPSC Examination should note that this is only a special concession given to them. They are required to submit proof of passing the 12th class or equivalent examination by the prescribed date (i.e. 15th December, 2023) and no request for extending this date will be entertained on the grounds of late conduct of Board/University Examination, delay in declaration of results or any other ground whatsoever.

NOTE 3 : Candidates who are debarred by the Ministry of Defence from holding any type of Commission in the Defence Services shall not be eligible for admission to the examination and if admitted, their candidature will be cancelled.

NOTE 4 : Those candidates, who have failed CPSS/TA&T section, are now eligible for Air Force or Ground Duty branches if they fill their willingness in the Online Application Form available at the Commission's website.

(d) Physical Standards

Candidates must be physically fit according to physical standards for admission to National Defence Academy and Naval Academy Examinations (D. 2023) as per guidelines given in Appendix-II.

(e) A candidate who has resigned or withdrawn on disciplinary grounds from any of the training academies of Armed Forces is not eligible to apply.

4. FEE

Candidates (excepting SC/ST candidates/tribe candidates / Wards of ECOs/MCOs/ORs specified in Note 1 below who are exempted from payment of fee) are required to pay a fee of Rs. 100/- (Rupees one hundred only) either by remitting the money in any Branch of State Bank of India by cash, or by using Visa/Master/Debit Card/Credit/Debit Card/UPI Payment or by using internet banking of any Bank.

N.B. 1 : Applicants who opt for "Pay by Cash" mode, should print the system generated Pay-Receipt during Part-II registration and deposit the fee at the counter of SBI Branch on the next working day only. "Pay by Cash" mode action will be deactivated at 22.59 hours of 28.12.2024 i.e. one day before the closing date; however, applicants who have generated their Pay-Receipt before it is deactivated may pay at the counter of SBI Branch

during banking hours on the closing date. Such applicants who are unable to pay by cash on the closing date i.e. during banking hours at SSI Branch, for reason whatsoever, even if holding a valid Pay-in-Slip, will have no other option but to opt for online Debit/Credit Card/UPI Payment or Internet Banking.

Payment made on the closing date i.e. till 6:00 P.M. of 24.12.2024.

N.B. 2 : Candidates should note that payment of examination fee can be made only through the modes prescribed above. Payment of fee through any other mode is neither valid nor acceptable. Applications submitted without the prescribed fee/mode (unless remission of fee is claimed) shall be summarily rejected.

N.B. 3 : Fee once paid shall not be refunded under any circumstances nor can the fee be held in reserve for any other examination or selection.

N.B. 4 : For the applicants in whose case payments details have not been received from the bank, they will be treated as fictitious payment cases and their applications will be rejected in the first instance. A list of all such applicants shall be made available on the Commission's website within two weeks after the last day of submission of online application. The applicants shall be required to submit the proof of their fee payment within 30 days from the date of such communication either by hand or by speed post to the Commission. On receipt of documentary proof, genuine fee payment cases will be considered and their applications will be revived, if they are otherwise eligible.

NOTE-1 : Candidates belonging to Scheduled Caste/Scheduled Tribe and those specified in Note 2 below are not required to pay any fee. No fee exemption is, however, available to OBC candidates and they are required to pay the full prescribed fee.

NOTE-2 : The Wards of serving/cv/junior Commissioned Officers/Non-Commissioned Officers/Other Ranks of Army and equivalent ranks in the Indian Navy/Indian Air Force are also not required to pay the prescribed fee if they are studying in Military School (formerly known as King George's School)/Sainik School run by Sainik Schools Society.

[N.B. : A certificate of eligibility for fee exemption is required to be obtained by all such candidates from the Principals concerned individually and produced for verification at the time of SSB Test/Interview by the candidates who are declared qualified for the SSB Test/Interview.]

4. HOW TO APPLY

Candidates are required to apply online by using the website apexonline.gov.in. A candidate who is willing to apply for National Defence Academy and Naval Academy Examination shall be required to apply online and submit the requisite information and supporting documents towards various claims, such as date of birth, educational qualifications, etc. as may be sought by the Commission alongwith the Registration and Online Application Form. For detailed instructions for filling up the form, the Notice for National Defence Academy and Naval Academy Examination No. 2025 may be referred. The failure to provide the required information/documents alongwith the Online Application Form or within the correction-window, if any, provided by the Commission will result cancellation of candidature for the examination.

Registration has to be done only once in life time. This can be done anytime throughout the year. If the candidate is already registered, he/she need proceed accordingly.

for filling up the online application for the examination.

Modification in Registration Profile:

In case, the candidate wants to effect any change in his/her Registration profile, it shall be allowed only once in the interim after the registration at Registration platform. The option to change in Registration profile date shall be available till expiry of 7 days from the next day after the closure of application window of his/her first local application for any Examination of the Commission. In case, the candidate after registration applies for the first time in this examination; last date of modification of Registration would be 07.01.2026.

Modification in application form (Other than Registration Profile):

The Commission has also decided to extend the facility of making correction(s) in any field(s) of the application form for this examination from next day of the closure of the application window of this Examination. This window will remain open for 7 days from the date of opening of the same i.e. from 01.01.2026 to 07.01.2026. In case a candidate wants to carry out any change in his/her Registration profile during this period, then he/she should login to the Registration platform and do the needful accordingly. In other words, no change in the Registration profile can be made by visiting the window for Modification in application form.

The candidate will not be allowed to withdraw their application after the submission of the same.

NOTE-1: No queries, representations etc. shall be entertained by the Commission in respect of correcting details that are required to be filled up by the candidates by exercising due diligence and caution as the timely completion of examination process is of paramount importance.

NOTE-2: Candidate should also have details of one photo ID viz. Aadhar Card/ Voter Card/ PAN Card/ Passport/ Driving License/School Photo ID/Any other photo ID Card issued by the State/ Central Government. The details of this photo ID will have to be provided by the candidate while filling up the online application form. The same photo ID card will also have to be uploaded with the Online Application Form. This photo ID will be used for all future referencing and the candidate is advised to carry this ID while appearing for examination/SSB.

NOTE-3 : All candidates whether already in Government Service including candidates serving in the Armed Forces, Sailors (including boys and artificers apprentices) of the Indian Navy, Cadets of Rashtriya Indian Military College (previously known as Sainik School, Dehradun), Students of Rashtriya Military Schools (formerly known as Military Schools) and Sainik Schools run by Sainik Schools Society, Government owned industrial undertakings or other similar organizations or in private employment should apply online direct to the Commission.

(a) Persons already in Government Service, whether in permanent or temporary capacity or as work charged employees other than casual or daily rated employees or those serving under the Public Enterprises; (b) Candidates serving in the Armed Forces, Sailors (including boys and artificers apprentices) of the Indian Navy; and (c) Cadets of Rashtriya Indian Military College (previously known as Sainik School, Dehra Dun), Students of Military Schools formerly known as King George's Schools and Sainik Schools run by Sainik

Schools Society are required to inform their Head of Office/Department, Commanding Officer, Principals of College/School concerned, as the case may be, in writing that they have applied for this examination. Candidates should note that in case a communication is received by the Commission from their employer/authority concerned withholding permission to the candidates applying for/appearing at the examination, their applications will be liable to be rejected/candidates will be liable to be cancelled.

NOTE-4 : WHILE FILLING IN THE APPLICATION FORM, THE CANDIDATE SHOULD CAREFULLY DECIDE ABOUT HIS CHOICE FOR THE CENTRE FOR THE EXAMINATION.

IF ANY CANDIDATE APPEARS AT A CENTRE OTHER THAN THE ONE INDICATED BY THE COMMISSION IN HIS E. ADMISSION CERTIFICATE, THE PAPERS OF SUCH A CANDIDATE WILL NOT BE VALUED AND HIS CANDIDATURE WILL BE LIABLE TO CANCELLATION.

NOTE-5 : APPLICATIONS WITHOUT THE PRESCRIBED FEE (UNLESS REMISSION OF FEE IS CLAIMED AS IN PARA 4 ABOVE) OR INCOMPLETE APPLICATIONS SHALL BE SUMMARILY REJECTED. NO REPRESENTATION OR CORRESPONDENCE REGARDING SUCH REJECTION SHALL BE ENTERTAINED UNDER ANY CIRCUMSTANCES. CANDIDATES ARE NOT REQUIRED TO SUBMIT ALONG WITH THEIR APPLICATIONS ANY CERTIFICATE IN SUPPORT OF THEIR CLAIMS REGARDING AGE, EDUCATIONAL QUALIFICATIONS, SCHEDULED CASTES/SCHEDULED TRIBES/OTHER BACKWARD CLASSES AND FEE REMISSION ETC EXCEPT THE PHOTO ID CARD. THEY SHOULD THEREFORE, ENSURE THAT THEY FULFIL ALL THE ELIGIBILITY CONDITIONS FOR ADMISSION TO THE EXAMINATION. THEIR ADMISSION TO THE EXAMINATION WILL ALSO THEREFORE BE PURELY PROVISIONAL. IF ON VERIFICATION AT ANY LATER DATE IT IS FOUND THAT THEY DO NOT FULFIL ALL ELIGIBILITY CONDITIONS, THEIR CANDIDATURE WILL BE CANCELLED. THE RESULT OF THE WRITTEN PART OF THE EXAMINATION IS LIKELY TO BE DECLARED IN THE MONTH OF May, 2025. All doc candidates who have successfully qualified in the written examination are required to register themselves online on Directorate General of Recruiting website www.joinindianarmy.nic.in, with the same E-mail ID as provided to UPSC while filling UPSC online application. Candidates must ensure that their email IDs given in their online applications are valid and active. These candidates would then be allowed Selection Centres through the aforesaid website. In case of any problems/queries, candidates should contact Directorate General of Recruiting on the telephone numbers given on their website or through feedback / query module after logging on to their profile.

NOTE-6 : CANDIDATES WHO HAVE PASSED WRITTEN TEST ARE NOT REQUIRED TO SUBMIT THEIR ORIGINAL CERTIFICATE OF AGE AND EDUCATIONAL QUALIFICATION EITHER TO DIRECTORATE GENERAL OF RECRUITING, ARMY HQ, WEST BLOCK-III, RE PURAM, NEW DELHI-110066 OR TO NAVAL HEADQUARTERS, DMFR, OMR SECTION, 'C' WING, SENA BRAWAN, NEW DELHI-110014.

ALL CANDIDATES CALLED FOR SSB INTERVIEW MUST CARRY THEIR ORIGINAL MATRICULATION CERTIFICATE OR EQUIVALENT EXAMINATION CERTIFICATE TO THE SERVICES SELECTION BOARD (SSB). ORIGINALS WILL HAVE TO BE PRODUCED BY THE CANDIDATES WHO QUALIFY AT THE SSB INTERVIEW SOON AFTER THE INTERVIEW. THE ORIGINALS WILL BE RETURNED AFTER VERIFICATION. THOSE CANDIDATES WHO HAVE ALREADY PASSED 10+2 EXAMINATION MUST CARRY THEIR ORIGINAL 10+2 PASS CERTIFICATE OR MARKS SHEET FOR THE SSB INTERVIEW. IF ANY OF THEIR CLAIMS IS FOUND TO BE INCORRECT THEY MAY RENDER

THEMSELVES LIABLE TO DISCIPLINARY ACTION BY THE COMMISSION IN TERMS OF THE FOLLOWING PROVISIONS:

A candidate who is or has been declared by the Commission investigative services HQ to be guilty of –

- (i) Obtaining support for candidates by the following means, namely: –
 - (i) offering illegal gratification to, or
 - (ii) applying pressure on; or
 - (iii) blackmailing or threatening to blackmail any person connected with the conduct of the examination; or
- (ii) impersonation; or
- (iii) procuring impersonation by any person; or
- (iv) submitting fabricated/incorrect documents or documents which have been tampered with; or
- (v) uploading irrelevant or incorrect photos/signature in the application form in place of actual photo/signature.
- (vi) Making statements which are incorrect or false or suppressing material information; or
- (vii) resorting to the following means in connection with the candidates for the examination, namely: –
 - (i) obtaining copy of question paper through improper means;
 - (ii) finding out the particulars of the persons connected with secret work relating to the examination;
 - (iii) influencing the examiners; or
 - (iv) being in possession of or using unfair means during the examination; or
 - (v) writing obscene matter or drawing obscene sketches or irrelevant matter in the script; or
 - (vi) misbehaving in the examination hall including tearing of the scripts, provoking fellow candidates to boycott examination, creating a disorderly scene and the like; or
 - (vii) harassing, threatening or doing bodily harm to the staff employed by the Commission for the conduct of their examination; or
 - (viii) being in possession of or using any mobile phone, (even in switched-off mode), pager or any electronic equipment or programmable device or storage media like pen drive, smart/Digital watches etc. or camera or Bluetooth devices or any other equipment or related accessories (either in working or switched off mode) capable of being used as a communication device during the examination; or
 - (ix) violating any of the instructions issued to candidates along with their admission certificates permitting them to take the examination; or
 - (x) attempting to commit or, as the case may be, abetting the commission of all or any of the acts specified in the foregoing clauses.

In addition to being liable to criminal prosecution, shall be disqualified by the Commission from the Examination held under these Rules, and /or shall be liable to be debarred either permanently or for a specified period.

- (i) by the Commission, from any examination or selection held by them;
- (ii) by the Central Government from any employment under them; and

And shall be liable to face disciplinary action under the appropriate rules if already in service under Government.

Provided that no penalty under this rule shall be imposed except after —

- (i) giving the candidate an opportunity of making such representation in writing as the candidate may wish to make in that behalf; and
- (ii) taking the representation, if any, submitted by the candidate within the period allowed for the purpose, into consideration.

Any person who is found by the Commission or respective service HQ to be guilty of colluding with a candidate (a) in committing or abetting the commission of any of the offences listed at Clause (a) to (m) above renders himself/herself liable to action in terms of the Clause (a).

Note: If a candidate is found to be in possession or using unfair means, may not be allowed to continue in the exam room as soon as the incident comes to notice of the Examination functionaries and the action against the candidates may be taken in consultation with the Commission. Further, the candidate may also not be allowed in any of the subsequent papers of the said examination.

5. LAST DATE FOR SUBMISSION OF APPLICATIONS.

- (i) The Online Applications can be filled upto **21- December, 2024 till 6:00 PM.**

6. TRAVELLING ALLOWANCE.

Candidates appearing for ISE interview for the first time for a particular type of Commission i.e. Permanent or Short Service, shall be entitled for AC III Tier to and fro railway fare or bus fare including reservation cum sleeper charges within the Indian limits. Candidates who apply again for the same type of Commission will not be entitled to travelling allowance on any subsequent occasion.

7. CORRESPONDENCE WITH THE COMMISSION/ ARMY / NAVAL J&R HEADQUARTERS.

The Commission will not enter into any correspondence with the candidates about their candidature except in the following cases:-

- (i) The eligible candidates shall be issued an e-Admit Card Seven Days before the commencement of the examination. The e-Admit Card will be made available in the UPSC website (upsc.gov.in) for being downloaded by candidates. No Admit Card will be sent by post. For downloading the e-Admit Card the candidate must have his vital parameters like **EID & Date of Birth or Roll No. (if received) & date of birth or name, father's name & Date of Birth** available with him.
- (ii) If a candidate does not receive his e-Admit Card or any other communication regarding his candidature for the examination before the commencement of the examination, he should at once contact the Commission. Information in this regard can also be obtained from the Facilitation Counter located in the Commission's Office either in person or over Phone Nos. 011-23088271/011-23081125/011-23090543. Extn. 4119, 4120. In case no communication is

received in the Commission's Office from the candidate regarding non-receipt of his e-Admit Card before the examination, he himself will be solely responsible for non-receipt of his e-Admit Card.

(ii) No candidate will ordinarily be allowed to take the examination unless he holds a certificate of admission for the examination. On receipt of e-Admit Card, check it carefully and bring discrepancies/errors, if any, to the notice of the UPSC immediately. The courses to which the candidates are admitted will be according to their eligibility as per educational qualifications for different courses and the preferences given by the candidates.

The candidates should note that their admission to the examination will be purely provisional based on the information given by them in the Application Form. This will be subject to verification of all the eligibility conditions.

(iii) If a candidate receives an e-Admit Card in respect of some other candidate on account of processing error, it should be notified to the Commission with a request to issue the correct e-Admit Card. Candidates may note that they will not be allowed to take the examination on the strength of an e-Admit Card issued in respect of another candidate.

(iv) The decision of the Commission as to the acceptance of the application of a candidate and his eligibility or otherwise for admission to the Examination shall be final.

(v) Candidates should note that the name in the e-Admit Card in some cases, may be abbreviated due to technical reasons.

(vi) Candidates must ensure that their e-mail ids given in their online applications are valid and active.

IMPORTANT : All Communications to the Commission should invariably contain the following particulars.

1. Name and year of the examination.
2. Registration ID (RID).
3. Roll Number (if reserved).
4. Name of candidate (in full and in block letters).
5. Postal Address as given in the application.

N.B. (i) : Communications not containing the above particulars may not be attended to.

N.B. (ii) : If a letter/communication is received from a candidate after an examination has been held and it does not give his full name and roll number, it will be ignored and no action will be taken thereon. Candidates recommended by the Commission for interview by the Service Selection Board who have changed their addresses subsequent to the submission of their applications for the examination should immediately after announcement of the result of the written part of the examination notify the changed address also to :-

For candidates with Army as first choice—Army Headquarters, A.G's Branch, RTG (HQA Entry), Wazirpur Block III, Wing-1, R. K. Puram, New Delhi-110066, Phone No. 26175475

For candidates with Navy/Naval Academy as first choice— Naval Headquarters,

Directorate of Manpower & Recruitment, DMR Section, R. No. 204, 'C' Wing, Sona Bhawan, New Delhi-110011, Phone No. 23010097/23011282

For candidates with Air Force as first choice—Dir of Personnel (Officers), Air Headquarters, CVR Room No 888, 'A' Block, Defence Office Complex, Kasturba Gandhi Marg, New Delhi-110001 Phone No. 23010251 Extn 7645/7646/7610.

FAILURE TO COMPLY WITH THIS INSTRUCTION WILL DEPRIVE THE CANDIDATE OF ANY CLAIM TO CONSIDERATION IN THE EVENT OF HIS NOT RECEIVING THE SUMMONS LETTER FOR INTERVIEW BY THE SERVICES SELECTION BOARD.

AFTER HAVING CLEARED THE WRITTEN EXAMINATION THE CANDIDATES SHOULD LOG ON TO THE FOLLOWING WEBSITES FOR THEIR IIS CENTRE & DATE OF INTERVIEW :-

www.joinindianarmy.nic.in or www.joinindianarmy.gov.in

The candidate with Air Force as first choice are also to register on www.joinindianarmy.nic.in for AFSS and date selection.

Candidates whose names have been recommended for interview by the Services Selection Board should address enquiries or requests, if any, relating to their interview or visit website of respective service headquarters after 30 days from the announcement of written results as follows :-

For candidates with Army as first choice—Army Headquarters, AG's Branch, RTG (NDA Entry), West Block-III, Wing-1, R.K. Puram, New Delhi - 110 086, Phone No. 26176478 or joinindianarmy.nic.in

For candidates with Navy/Naval Academy as first choice—Naval Headquarters, Directorate of Manpower & Recruitment, OI & S Section, Room No 204, 'C' Wing, Sona Bhawan, New Delhi-110011, Phone No. 23011282/23010181 Email :- officer@navy.gov.in or joinindianarmy.gov.in

For candidates with Air Force as first choice—Dir of Personnel (Officers), Air Headquarters, CVR Room No 888, 'A' Block, Defence Office Complex, Kasturba Gandhi Marg, New Delhi-110001 Phone No. 23010251 Extn 7645/7646/7610.

Candidates are required to report for IIS interview on the date intimated to them in the call up letter for interview. Requests for postponing interview will only be considered in exceptional circumstances and that too if it is administratively convenient for which Army Headquarters will be the sole deciding authority. Such requests should be addressed to the Administrative Officer of the Selection Centre from where the call letter for interview has been received. No action will be taken on letters received by Army/Navy/Air HQs. IIS interview for the candidates qualified in the written examination is likely to be held during the months of July, 2025 to September, 2025 or as suitable to Recruiting Directorate. For all queries regarding Merit list, joining instructions and any other relevant information regarding selection process, please visit website www.joinindianarmy.nic.in.

9. ANNOUNCEMENT OF THE RESULTS OF THE WRITTEN EXAMINATION, INTERVIEW OF QUALIFIED CANDIDATES, ANNOUNCEMENT OF FINAL RESULTS AND ADMISSION TO THE TRAINING COURSES OF THE FINALLY QUALIFIED CANDIDATES:

The Union Public Service Commission shall prepare a list of candidates who obtain the minimum qualifying marks in the written examination as fixed by the Commission at their discretion. Such candidates shall appear before a Services Selection Board for Intelligence and Personality Test where candidates for the Army/Navy wings of the 10A and 10+2 Cadet Entry Scheme of Indian Naval Academy will be assessed on Officers Personality and those for the Air Force in addition to the above will have to qualify Computerized Pilot Selection System (CPSS). Candidates with Air Force as one of the choice would also undergo CPSS if they qualify SSB and are willing.

TWO-STAGE SELECTION PROCEDURE

Two-stage selection procedure based on Psychological Aptitude Test and Intelligence Test has been introduced at Selection Centres/Air Force Selection Boards/Naval Selection Boards. All the candidates will be put to stage-one test on first day of reporting at Selection Centres/Air Force Selection Boards/Naval 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 photograph 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.

Candidates who appear before the Services Selection Board and undergo the test there, will do so at their own risk and will not be entitled to claim any compensation or other relief from Government in respect of any injury which they may sustain in the course of or as a result of any of the tests given to them at the Services Selection Board whether due to the negligence of any person or otherwise. Parents or guardians of the candidates will be required to sign a certificate to this effect.

To be acceptable, candidates for the Army/Navy/Naval Academy and Air Force should secure the minimum qualifying marks separately in (i) Written examination as fixed by the Commission at their discretion and (ii) Officer Personality Test as fixed by the Services Selection Board at their discretion. Over and above candidates for the Air Force, and all the SSB qualified candidates as per their eligibility, eligibility and preference for flying branch of Air Force, should separately qualify the CPSS.

Subject to these conditions the qualified candidates will then be placed in a single combined list on the basis of total marks secured by them in the Written Examination and the Services Selection Board Tests. The final allocation/selection for admission to the Army, Navy, Air Force of the National Defence Academy and 10+2 Cadet Entry Scheme of Indian Naval Academy will be made upto the number of vacancies available subject to eligibility, medical fitness and merit-preference of the candidates. The candidates who are eligible to be admitted to multiple Services/Courses will be considered for allocation/selection with reference to their order of preference and in the event of their final allocation/selection to one Service/Course, they will not be considered for admission to other remaining Services/Courses.

N.B. EVERY CANDIDATE FOR THE FLYING BRANCH OF AIR FORCE IS GIVEN COMPUTERISED PILOT SELECTION SYSTEM (CPSS) (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 CPSS CANNOT APPLY FOR ADMISSION TO THE NATIONAL DEFENCE ACADEMY EXAMINATION FOR THE FLYING BRANCH OF AIR FORCE WING OR GENERAL DUTIES (PILOT) BRANCH OR NAVAL AIR ARM.

Candidates who have been given the Computerised Pilot Selection System (CPSS) for any previous NDA course should submit their application for this examination for the Air Force Wing only if they have been notified as having qualified in CPSS. In case a candidate has failed in CPSS/not tested for CPSS for being R/W, the candidate would be considered for Ground Duty branch of IAF, Navy, Army and NATAC as per his choice.

The form and manner of communication of the result of the examination to individual candidates shall be decided by the Commission at their discretion and the Commission will not enter into correspondence with them regarding the result.

Success in the examination confers no right of admission to the Academy. A candidate must satisfy the appointing authority that he is suitable in all respects for admission to the Academy.

10. DISQUALIFICATION FOR ADMISSION TO THE TRAINING COURSE:

Candidates who were admitted to an earlier course at the National Defence Academy, or to the 10 + 2 Cadet Entry Scheme of Indian Naval Academy but were removed there from for lack of officer-like qualities or on disciplinary grounds will not be admitted to the Academy.

Candidates who were previously withdrawn from the National Defence Academy or Indian Naval Academy on medical grounds or left the above Academy voluntarily are however, eligible for admission to the Academy provided they satisfy the medical and other prescribed conditions.

11. The details regarding (a) the scheme and syllabus of the examination, (b) guidelines for filling up the online Application Form (c) Special Instructions to candidates for objective type tests.

(d) Physical standards for admission to the National Defence Academy and Naval Academy and (e) Brief particulars of the service etc. for candidates joining the National Defence Academy and Naval Academy are given in Appendices I, II, III, IV and V respectively.

(Hemendra Kumar Mondal)
Under Secretary
Union Public Service Commission

APPENDIX I

(The Scheme and Syllabus of Examination)

A. SCHEME OF EXAMINATION

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

Subject	Code	Duration	Maximum Marks
Mathematics	01	2½ Hours	100
General Ability Test	02	2½ Hours	600
	Total		700
SSH Test Interview			300

2. THE PAPERS IN ALL THE 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 INDIVIDUALLY IN HINDI AS WELL AS ENGLISH.

3. In the question papers, wherever necessary, questions involving the metric system of Weights and Measures only will be set.

4. Candidates must write the papers in their own hand. In no circumstances will they be allowed the help of a scribe to write answers for them.

5. The Commission has discretion to fix qualifying marks in any or all the subjects at the examination.

6. The candidates are not permitted to use calculator or Mathematical or Logarithmic table for answering objective type papers (Test Booklets). They should not therefore, bring the same inside the Examination Hall.

B. SYLLABUS OF THE EXAMINATION

PAPER-I

MATHEMATICS (Code No. 01) (Maximum Marks-100)

1. ALGEBRA

Concept of set, operations on sets, Viete's Equations, De Morgan's laws, Cartesian product, relation, equivalence relation.

Representation of real numbers on a line. Complex numbers—basic properties, modulus, argument, cube roots of unity. Binary systems of numbers. Conversion of a number in decimal

system to binary system and vice-versa. Arithmetic, Geometric and Harmonic progressions. Quadratic equations with real coefficients. Solution of linear equations of two variables by graphs. Permutation and Combination. Binomial Theorem and its applications. Logarithms and their applications.

2. MATRICES AND DETERMINANTS:

Types of matrices, operations on matrices. Determinant of a matrix, basic properties of determinants. Adjoint and inverse of a square matrix. Applications—Solution of a system of linear equations in two or three unknowns by Cramer's rule and by Matrix Method.

3. TRIGONOMETRY:

Angles and their measures in degrees and in radians. Trigonometrical ratios. Trigonometrical identities. Sum and difference formulae. Multiple and Sub-multiple angles. Inverse trigonometrical functions. Applications: height and distance, properties of triangles.

4. ANALYTICAL GEOMETRY OF TWO AND THREE DIMENSIONS:

Rectangular Cartesian Coordinate system. Distance formula. Equation of a line in various forms. Angle between two lines. Distance of a point from a line. Equation of a circle in standard and in general form. Standard forms of parabola, ellipse and hyperbola. Eccentricity and axis of a conic. Point in a three dimensional space, distance between two points. Direction Cosines and direction ratios. Equation two points. Direction Cosines and direction ratios. Equation of a plane and a line in various forms. Angle between two lines and angle between two planes. Equation of a sphere.

5. DIFFERENTIAL CALCULUS:

Concept of a real valued function—domain, range and graph of a function. Composite functions, one to one, onto and inverse functions. Notion of limit. Standard limits—examples. Continuity of functions—examples, algebraic operations on continuous functions. Derivative of function at a point, geometrical and physical interpretation of a derivative—applications. Derivatives of sum, product and quotient of functions, derivative of a function with respect to another function, derivative of a composite function. Second order derivatives. Increasing and decreasing functions. Application of derivatives to problems of maxima and minima.

6. INTEGRAL CALCULUS AND DIFFERENTIAL EQUATIONS:

Integration as inverse of differentiation, integration by substitution and by parts, standard integrals involving algebraic expressions, trigonometric, exponential and hyperbolic functions. Evaluation of definite integrals—determination of areas of plane regions bounded by curves—applications.

Definition of order and degree of a differential equation, formation of a differential equation by example. General and particular solution of a differential equation, solution of first order and first degree differential equations of various type—examples. Application to problems of growth and decay.

V. VECTOR ALGEBRA:

Vectors in two and three dimensions, magnitude and direction of a vector, Unit and null vectors, addition of vectors, scalar multiplication of a vector, scalar product or dot product of two vectors, Vector product or cross product of two vectors. Applications—work done by a force and moment of a force and its geometrical problems.

6. STATISTICS AND PROBABILITY:

Statistics: Classification of data, frequency distribution, cumulative frequency distribution—examples, Graphical representation—Histogram, Pie Chart, frequency polygon—examples, Measures of Central tendency—Mean, median and mode, Variance and standard deviation—determination and comparison, Correlation and regression.

Probability: Random experiment, outcomes and associated sample space, events, mutually exclusive and exhaustive events, impossible and certain events, Union and Intersection of events, Complementary, elementary and composite events, Definition of probability—classical and statistical—examples, Elementary theorems on probability—simple problems, Conditional probability, Bayes' theorem—simple problems, Random variable as function on a sample space, Binomial distribution, examples of random experiments giving rise to Binomial distribution.

PAPER-II

GENERAL ABLITY TEST

(Code No. 82)

(Maximum Marks—80)

Part 'A'—ENGLISH

(Maximum Marks—30)

The question paper in English will be designed to test the candidate's understanding of English and medium like use of words. The syllabus covers various aspects like : Grammar and usage, vocabulary, comprehension and cohesion in extended text to test the candidate's proficiency in English.

Part 'B'—GENERAL KNOWLEDGE

(Maximum Marks—40)

The question paper on General Knowledge will broadly cover the subjects : Physics, Chemistry, General Science, Social Studies, Geography and Current Events.

The syllabus given below is designed to indicate the scope of these subjects included in this paper. The topics mentioned are not to be regarded as exhaustive and questions on topics of similar nature not specifically mentioned in the syllabus may also be asked. Candidate's answers are expected to show their knowledge and intelligent understanding of the subject.

Section 'A' (Physics)

Physical Properties and States of Matter: Mass, Weight, Volume, Density and Specific Gravity, Principle of Archimedes, Pressure (Hydrostatic).

Motion of objects, Velocity and Acceleration, Newton's Laws of Motion, Force and Momentum, Parallelogram of Forces, Stability and Equilibrium of bodies, Gravitation, elementary ideas of work, Power and energy.

Effects of Heat, Measurement of Temperature and Heat, change of State and Latent Heat, Modes of transmission of heat.

Sound waves and their properties, Simple musical instruments.

Rectilinear propagation of light, Reflection and refraction, Spherical mirrors and Lenses, Human Eye.

Natural and Artificial Magnets, Properties of a Magnet, North as a Magnet.

Static and Current Electricity, conductors and Non-conductors, Ohm's Law; Simple Electrical Circuits, Heating, Lighting and Magnetic effects of Current, Measurement of Electrical Power, Primary and Secondary Cells, Use of X-Rays.

General Principles in the working of the following:

Simple Pendulum, Simple Pulleys, System, Levers, Ballroom, Pump, Hydrometer, Pressure Cooker, Thermos Flask, Grasshopper, Telegraph, Tricycle, Postage, Telescope, Microscope, Marini's Compass, Lightning Conductors, Safety Fuse.

Section 'B' (Chemistry)

Physical and Chemical changes, Elements, Mixtures and Compounds, Symbols, Formulae and simple Chemical Equations, Law of Chemical Combination (excluding problems), Preparation of Air and Water.

Preparation and Properties of Hydrogen, Oxygen, Nitrogen and Carbon dioxide, Oxidation and Reduction.

Acids, Bases and salts.

Carbon—Allotrope forms.

Ferrous—Natural and Artificial.

Material used in the preparation of substances like Soap, Glass, Ink, Paper, Cement, Plaster, Safety Matches and Gas-Powder.

Elementary ideas about the structure of Atoms, Atomic, Equivalence and Molecular Weights, Valency.

Section 'C' (General Science)

Differences between the living and non-living.

Basis of Life—Cells, Protoplasm and Tissues.

Growth and Reproduction in Plants and Animals.

Elementary knowledge of Human Body and its important organs.

Common Epilepsies, their causes and prevention.

Food—Source of Energy for man, Contribution of Food, Balanced Diet.

The Solar System—Moons and Comets, Jupiter.

Achievements of Famous Scientists.

Section 'D' (History, Freedom Movement etc.)

A broad survey of Indian History, with emphasis on Culture and Civilisation.

Freedom Movement in India.

Elementary study of Indian Constitution and Administration.

Elementary knowledge of Five Year Plans of India.

Parichayajit Raj, Co-operation and Community Development.

Wardha, Sarvodaya, National Integration and Welfare State. Basic Teachings of Mahatma Gandhi.

Forces shaping the modern world: Renaissance, Exploration and Discovery; War of American Independence, French Revolution, Industrial Revolution and Russian Revolution. Impact of Science and Technology on Society. Concept of 'one World', United Nations, Panchoseal, Democracy, Socialism and Communism. Role of India in the present world.

Section 'E' (Geography)

The Earth, its shape and size. Latitudes and Longitudes, Concept of time, International Date Line, Meridians of Earth and their effects.

Origin of Earth, Rocks and their classification, Weathering—Mechanical and Chemical, Earthquake and Volcanism.

Ocean Currents and Tides.

Atmosphere and its composition, Temperature and Atmosphere's Pressure, Planetary Wind, Cyclones and Anti-cyclones, Humidity, Condensation and Precipitation; Types of Climate, Major Natural regions of the world.

Regional Geography of India—Climate, Natural resources, Mineral and Forest resources; location and distribution of agricultural and industrial activities.

Important: See parts and main sea, land and air routes of India. Main cities of Imports and Exports of India.

Section F (Current Events)

Knowledge of Important events that have happened in India in the recent years. Current important world events.

Previous papers/Exams: Both Indian and International including those connected with cultural activities and sports.

NOTE:

Out of maximum marks assigned to part 'B' of this paper, questions on Sections 'A', 'B', 'C', 'D', 'E' and 'F' will carry approximately 20%, 15%, 10%, 20%, 20% and 15% weightage respectively.

Intelligence and Personality Test

The SSB procedure consists of two stage Selection process - stage I and stage II. Only those candidates who clear the stage I are permitted to appear for stage II. The details are:

(a) Stage I comprises of Officer Intelligence Rating (OIR) tests are Picture Perception and Description Test (PP&DT). The candidates will be shortlisted based on combination of performance in OIR Test and PP&DT.

(b) Stage II comprises of Interview, Group Testing Officer Tests, Psychology Tests and the Conference. These tests are conducted over 4 days. The details of these tests are given on the website www.psonline.ssb.in.

The personality of a candidate is assessed by three different assessors viz. The Interviewing Officer (IO), Group Testing Officer (GTO) and the Psychologist. There are no separate weightage for each test. The marks are allotted by assessors only after taking into consideration the performance of the candidate holistically in all the tests. In addition, marks for Conference are also allotted based on the initial performance of the Candidate in the three techniques and decision of the Board. All these have equal weightage.

The various tests of IO, GTO and Psych are designed to bring out the presence/absence of Officer Like Qualities and their measurability in a candidate. Accordingly candidates are Recommended or Not Recommended at the SSB.

APPENDIX-II

INSTRUCTIONS TO THE CANDIDATES FULFILLING ONLINE APPLICATION

Candidates are required to apply online by using the website ssconline.gov.in.

Salient Features of the Online Application: Form are given below:

- Detailed instructions for filling up Online Application are available on the above mentioned website. Candidates will be required to complete the Online Application form containing two stages viz. Part I and Part II.
- The candidates are required to pay a fee of Rs. 100/- (Rupee one hundred only) [except SC/ST candidates and those specified in Note 1 of Para 4 of the Notice who are exempted from payment of fee] either by depositing the money in any branch of SBI by cash or by using any Visa/Master/Debit Credit/Debit Card/UPI Payment or by using Internet Banking of any Bank.
- Candidates should also have details of one photo ID viz. Aadhar Card/ Voter Card/ PAN Card/ Passport/ Driving License/ School Photo ID/ Any other photo ID Card issued by the State/Central Government. The details of this photo ID will have to be provided by the candidate while filling up the online application form. The same photo ID card will also have to be uploaded with the Online Application Form. This photo ID will be used for all future referencing and the candidate is advised to carry this ID while appearing for examination. SSB.
- Before start filling up Online Application, a candidate must have his photograph and signature duly scanned in the .jpg format in such a manner that each file should not exceed 100 KB each and must not be less than 20 KB in size for the photograph and signature.
- Before start filling up Online Application, a candidate must have his photo identity card document in PDF format only. The digital size of PDF file should not exceed 100 KB and must not be less than 20 KB.
- The Online Application (Part I and II) can be filled from 11th December, 2024 to 31st December, 2024 till 6:00 PM.
- The applicants must ensure that while filling their Application Form, they are providing their valid and active E-mail Id. as the Commission may use electronic mode of communication while contacting them at different stages of examination process.
- The applicants are advised to check their e-mail at regular intervals and ensure that the email addresses ending with @ssb.in are directed to their inbox folder and not to the SPAM folder or any other folder.
- **CANDIDATES ARE STRONGLY ADVISED TO APPLY ONLINE WELL IN TIME WITHOUT WAITING FOR THE LAST DATE FOR SUBMISSION OF ONLINE APPLICATION.**

APPENDIX-III

Special Instructions to Candidates for objective type tests

I. Articles permitted inside Examination Hall

Clap board or hand board (on which nothing is written) a good quality Black Ball Pen for marking responses on the Answer Sheet, Answer Sheet and sheet for rough work will be supplied by the invigilator.

II. Articles not permitted inside Examination Hall

Do not bring into the Examination Hall any article other than those specified above e.g. any watches/wristy bands, mobile phones, Smart/Digital watches other IT Gadgets, books, bag, notes, loose sheets, electronic or any other type of calculators.

mathematical and drawing instruments, Log Tables, stenols of maps, slide rules, Text Booklets and rough sheets pertaining to earlier session(s) etc.

Passation (even in switch off mode)/use of Mobiles phones, Bluetooth, pagers or any other communication device or any other intimidating material (notes on e-card, papers, crease etc.) are not allowed inside the premises where the examination is being conducted. Any infringement of these instructions shall entail disciplinary action including ban from future examinations.

Candidates are advised in their own interest not to bring any of the banned items including mobile phones/Bluetooth/pagers to the venue of the examination, as NO arrangements for safekeeping will be made at the venue of the examination. Candidates are advised not to bring any valuable/costly items to the Examination Halls, as no arrangement for safe keeping of the same will be made at the venue of the examination. Commission will not be responsible for any loss in this regard.

F. Penalty for wrong answers

THERE WILL BE PENALTY (NEGATIVE MARKING) FOR WRONG ANSWERS MARKED BY A CANDIDATE IN THE OBJECTIVE TYPE QUESTION PAPERS.

[i] There are four alternatives for the answer to every question. For each question for which a wrong answer has been given by the candidate, one third (0.33) of the marks assigned to that question will be deducted as penalty.

[ii] If a candidate gives more than one answer, it will be treated as a wrong answer even if one of the given answers happens to be correct and there will be same penalty as above for that question.

[iii] If a question is left blank i.e. no answer is given by the candidate, there will be no penalty for that question.

G. Unfair means strictly prohibited

No candidate shall copy from the papers of any other candidate nor permit his papers to be copied nor give nor attempt to give nor attempt to obtain irregular assistance of any description.

H. Conduct in Examination Hall

No candidate should misbehave in any manner or create disorderly scene in the Examination Hall or harass the staff employed by the Commission for the conduct of the examination. Any such misconduct will be severely penalized.

I. Answer Sheet particulars

- Write with Black ball pen your Centre and subject followed by test booklet series (in bracket), subject code and roll number at the appropriate space provided on the answer sheet at the top. Also encode your booklet series (A, B, C, or D as the case may be), subject code and roll number in the circles provided for the purpose in the answer sheet. The guidelines for writing the

above particulars and for encoding the above particulars are given in Annexure. In case the booklet series is not printed on the test booklet or answer sheet is un-numbered, please report immediately to the Invigilator and get the test booklet/answer sheet replaced.

- (i) Candidates should note that any omission/mistake/discrepancy in encoding/typing of details in the OMR answer sheet, especially with regard to Roll Number and Test Booklet Series Code, will render the answer sheet liable for rejection.
- (ii) Immediately after commencement of the examination, please check that the test booklet supplied to you does not have any unprinted or torn or missing pages or items etc., if so, get it replaced by a complete test booklet of the same series and subject.

7. Do not write your name or anything other than the specific items of information asked for, on the answer sheet/test booklet/sheet for rough work.

8. Do not fold or mutilate or damage or put any extraneous marking in the Answer Sheet. Do not write anything on the reverse of the answer sheet.

9. Even the answer sheets will be evaluated on computerized machines, candidates should exercise due care in handling and filling up the answer sheets. They should use black ball pen only to darken the circles. For writing in boxes, they should use black ball pen. Gross mistakes made by the candidates by darkening the circles will be taken into account while evaluating the answer sheets on computerized machines, they should make these entries very carefully and accurately.

10. Method of marking answers

In the 'OBJECTIVE TYPE' of examination, you do not write the answers. For each question (hereinafter referred to as 'item') several suggested answers (hereinafter referred to as 'Responses') are given. You have to choose one response to each item. The question paper will be in the form of TEST BOOKLET. The booklet will contain item bearing numbers 1, 2, 3, etc. Under each item, Responses marked (a), (b), (c), (d) will be given. Your task will be to choose the correct response. If you think there is more than one correct response, then choose what you consider the best response.

In any case, for each item you are to select only one response. If you select more than one response, your response will be considered wrong.

In the Answer Sheet, Serial Nos. From 1 to 160 are printed. Against each number, there are circles marked (a), (b), (c) and (d). After you have read each item in the Test Booklet and decided which one of the given responses is correct or the best. You have to mark your responses by completely blackening with black ball pen to indicate your response.

For example, if the correct answer to item 1 is (b), then the circle containing the letter (b) is to be completely blackened with black ball pen as shown below :-

Example : (a) (b) (c) (d)

11. Entries in Scannable Attendance List.

Candidates are required to fill in the relevant particulars with black ball pen only against their columns in the Scannable Attendance List, as given below.

- 1) Blacken the circle (F) under the column (Present/Absent)
- 2) Blacken the relevant circle for Test Booklet Series
- 3) Write Test Booklet Serial No.
- 4) Write the Answer Sheet Serial No. and also blacken the Corresponding circles below.
- 5) Append signature in the relevant column.

12. Please read and abide by the instructions on the cover of Test Booklet. If any candidate indulges in disorderly or improper conduct he will render himself liable for disciplinary action and/or imposition of a penalty as the Commission may deem fit.

ANNEXURE

How to fill in the Answer Sheet of objective type tests in the Examination Hall.

Please follow these instructions very carefully. You may note that since the answer sheets are to be evaluated on machine, any violation of these instructions may result in reduction of your score for which you would yourself be responsible. Before you mark your responses on the Answer Sheet, you will have to fill in various particulars in it.

As soon as the candidate receives the Answer Sheet, he should check that it is numbered as the bottom. If it is found unnumbered he should at once get it replaced by a numbered one.

You will see from the Answer Sheet that you will have to fill in the top line, which reads thus:

केंद्र	विषय	विषय कोड	उत्तरपत्र क्रमांक
Centre	Subject	Subject Code <input type="text"/> <input type="text"/>	Roll Number <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>

If you are, say, appearing for the examination in Delhi Centre for the Mathematics Paper⁴ and your Roll No. is 001276, and your test booklet series is 'A' you should fill in thus, using black ball pen.

केंद्र	विषय	विषय कोड	उत्तरपत्र क्रमांक
Delhi	English	<input type="text"/> 0 <input type="text"/> 1	<input type="text"/> 0 <input type="text"/> 0 <input type="text"/> 1 <input type="text"/> 276

You should write with black ball pen the name of the centre and subject in English or Hindi.

The test Booklet Series is indicated by Alphabets A, B, C or D at the top right hand corner of the Booklet.

Write your Roll Numbers exactly as it is in your Examination Certificate with Black

ball pen in the boxes provided for this purpose. Do not omit any circle(s) which may be there.

The next step is to find out the appropriate subject code from the Time Table. Now encode the Test Booklet Series, Subject Code and the Roll Number in the circles provided for this purpose. Do the encoding with Black Ball pen. The name of the Centre need not be encoded.

Writing and encoding of Test Booklet Series is to be done after receiving the Test Booklet and confirming the Booklet Series from the same. For Mathematics Subject paper of 'A' Test Booklet Series you have to encode the subject code, which is 05. Do it thus:

Test Booklet Series (A)

Booklet Series (A)



Roll

Subject



Roll Number

All that is required is to blacken completely the circle marked 'A' below the Booklet Series and below the subject code blacken completely the Circles for '0' (in the first vertical column) and '5' (in the second vertical column). You should then encode the Roll No.081276. Do it thus similarly:

Important: Please ensure that you have carefully encoded your Subject, Test Booklet Series and Roll Number.

*This is just illustrative and may not be relevant to your Examination.

0	5	1	2	7	6
●	○	○	○	○	○
○	○	●	○	○	○
○	○	○	●	○	○
○	○	○	○	○	○
○	○	○	○	○	○
○	○	○	○	○	○
○	○	○	○	○	●
○	○	○	○	●	○
○	●	○	○	○	○
○	○	○	○	○	○

APPENDIX - IV

GUIDELINES FOR PHYSICAL STANDARDS FOR ADMISSION TO THE NATIONAL DEFENCE ACADEMY.

NOTE: CANDIDATES MUST BE PHYSICALLY AND MENTALLY FIT ACCORDING TO THE PRESCRIBED PHYSICAL STANDARDS. MEDICAL FITNESS CRITERIA GIVEN BELOW ARE AS PER EXISTING GUIDELINES AS ON DATE OF PUBLICATION AND THESE GUIDELINES ARE SUBJECT TO REVISION.

A NUMBER OF QUALIFIED CANDIDATES ARE REJECTED SUBSEQUENTLY ON MEDICAL GROUNDS. CANDIDATES ARE THEREFORE ADVISED IN THEIR OWN INTEREST TO GET THEMSELVES MEDICALLY EXAMINED BEFORE SUBMITTING THEIR APPLICATIONS TO AVOID DISAPPOINTMENT AT THE FINAL STAGE.

1. Candidates are also advised to rectify minor defects/abnormalities in order to speed up finalisation of medical examination conducted at the Military Hospital after being recommended at the SSB.
2. Few of such commonly found defects/abnormalities are listed below:
 - (a) Wet Ears
 - (b) Deviated Nasal Septum
 - (c) Hydrocele/Proteinosis
 - (d) Overweight/Underweight
 - (e) Under Sized Chest
 - (f) Flies
 - (g) Otitis/otomastoiditis
 - (h) Tonsillitis
 - (i) Varicocele

NOTE: Permanent body tattoos are only permitted on near face of face (i.e. from inside of elbow to the wrist and on the reverse side of palm/back (dorsal) side of hand) however body tattoos on any other part of the body are not acceptable and candidates will be barred from further selection. Tribes with tattoo marks on the face or body as per their existing custom and traditions will be permitted on a case to case basis. Career Selection Centre will be competent authority for clearing such cases.

3. Civilian candidates appearing for all types of commission in the Armed Forces will be entitled to out-patient treatment free service charges at public expense for injuries sustained or diseases contracted during the course of their examination by the Selection Board. They will also be entitled to in-patient treatment at public expense in the Officer's ward of a hospital provided—

- (a) The injury is sustained during the tests or.

(b) The disease is contracted during the course of the examination by selection board and there is no suitable accommodation in local civil hospital or it is impracticable to remove the patient to the civil hospital, or,

(c) The medical board requires the candidate's admission for observation.

NOTE: They are not entitled to special nursing.

4. Medical Procedure

A candidate recommended by the Services Selection Board will undergo a medical examination by a Board of Service Medical Officers. Only those candidates will be admitted to the academy who are declared fit by the Medical Board. The proceedings of the Medical Board are confidential and will not be divulged to anyone. However, the candidate declared unfit will be intimated by the President of the Medical Board and the procedure for request for an Appeal Medical Board will also be intimated to the candidate.

3. Candidates declared unfit during Appeal Medical Board will be intimated about the provisions of Review Medical Board.

6. Medical Standards and procedure for Army, Navy and Air Force (Flying Branch and General Duty Branch) are given in Annexures 'A', Annexure 'B' and Annexure 'C' respectively, which is also available at following websites:

(i) For Officers Entry into Army Medical Standards and Procedure of Medical Examination at www.joinindianarmy.net.in

(ii) For Officers Entry for Air Force (Flying & General Duty Branches) Medical Standards and Procedure of Medical Examination at www.careerinindianairforce.cba.in

(iii) For Officers Entry for Navy Medical Standards and Medical Examination at www.joinindianarmy.net.in

Note: The proceedings of the Medical Board are confidential and will not be divulged to anyone. Directorate General of Recruiting has no role to play in any Medical Board and procedure advised by the competent medical authorities will be strictly adhered.

MEDICAL EXAMINATION OF FEMALE CANDIDATES

1. General methods and principles of medical examination of female candidates will be the same as for male candidates. However, special points pertaining to Medical Examination of female candidates are given in succeeding paragraphs.

2. A detailed menstrual, gynaecological and obstetric history in the form of a questionnaire is to be obtained from the candidate.

3. A detailed physical and systemic examination will be carried out of the candidate and she should be examined by a Lady Medical Officer or a Lady Gynaecologist only.

4. The examination must include the following inspections:-
 - (a) External genitalia.
 - (b) Internal urethra and the perineum.
 - (c) Any evidence of stress urinary incontinence or genital prolapsed (outside lesions).
 - (d) Evidence of lump breast and gynaecomastia.
5. In all unmarred female candidates, speculum or per vaginal examination will not be carried out.
6. Ultrasound scan of the abdomen and pelvis is mandatory in all female candidates during the final Medical Examination.
7. Any abnormality of external genitalia will be considered on merits of each case. Significant herniation especially with male pattern of hair growth along with radiological evidence of PCOS, will be a cause for rejection.
8. Following conditions will result female candidates being declared unfit:
 - (a) Primary or secondary amenorrhoea.
 - (b) Severe Menorrhagia or/and severe dysmenorrhea.
 - (c) Stress urinary incontinence.
 - (d) Congenital elongation of cervix or prolapsed which comes outside the introitus even after corrective surgery.
 - (e) **Pregnancy:** Pregnancy will be a cause of rejection for NDA entry.
 - (f) Complex ovarian cyst of any size.
 - (g) Simple ovarian cyst more than six cms.
 - (h) Endometriosis and Adenomyosis.
 - (i) Submucous fibroid of any size.
 - (j) Broad ligament or cervical fibroid of any size causing pressure over ureter.
 - (k) Single fibroid more than three cms in diameter, fibroids more than two in number (each fibroid not more than three cms in diameter) or fibroids causing distortion of endometrial cavity.
 - (l) Congenital uterine anomalies except bicornuate uterus.
 - (m) Acute or chronic pelvic infection.
 - (n) Disorders of sexual differentiation.
 - (o) Any other condition will be considered on merits of each case by the Gynaecologist.

9. Following conditions will be declared as **FIT**-

- (a) Umbilicus clear scars (not up to six cm).
- (b) Minimal fluid in pouch of Douglas.

Medical fitness after laparoscopic surgery or laparotomy. Candidates reporting after undergoing cystostomy or hysterectomy will be accepted as **fit** if site is asymptomatic, uterineal patency is normal, histopathology of tissues retrieved in biopsy and post operative findings are not suggestive of malignancies. Fitness will be considered twelve weeks after laparoscopic surgery and when the wound has healed fully. Candidates will be considered **fit** after laparotomy one year after the surgical procedure.

Annexure -A

MEDICAL STANDARDS AND PROCEDURE OF MEDICAL EXAMINATION FOR OFFICER ENTRIES INTO ARMY

1. Introduction:

(a) The primary responsibility of the Armed Forces is defending territorial integrity of the nation. For this purpose Armed Forces should always be prepared for war. Armed Forces personnel undergo rigorous training in preparation for war. Armed Forces also assist civil authorities if required whenever the need arises like in the case of disasters. To carry out such tasks Armed Forces requires candidates with robust mental and physical health. Such candidates should also be capable of withstanding rigorous stress and strain of service conditions to perform their military duties in adverse terrain and irregular climate (hot sun and wet, ice storms areas, ice storms conditions, with no medical facilities. A medically unfit individual due to inauspicability can not only drain precious resources but can also jeopardize lives of other members of the team during operations. Therefore only medically fit candidates are selected who are capable fit to be trained for war.

(b) The Armed Forces Medical Services are responsible for ensuring selection of **'Medically Fit'** individuals into the Armed Forces.

(c) All Armed Forces personnel regardless of occupational specialty, unit assignment, age or gender should have a basic level of general **'Medical fitness'** when inducted into service. This basic level of fitness can then be used as a benchmark to train personnel for further physically demanding occupational specialization or unit assignments. This will enhance deployable combat readiness.

(d) Medical examinations are carried out extraneously by Armed Forces Medical Services Medical Officers. These Medical Officers are well oriented to specific working conditions of Armed Forces after undergoing basic military training. Medical examinations are finalized by the board of Medical Officers. **The decision of the Medical Board is final. In case of any doubt about any disease/disability/injury/genetic disorder etc noticed during examination commencing, the benefit of doubt will be given to State.**

Medical Standards

2. Medical standards described in the following paragraphs are general guidelines. They are not exhaustive in view of the vast knowledge of disease. These standards are subject to change with advancement in the scientific knowledge and change in working conditions of Armed Forces due to introduction of new equipments. Such changes will be promulgated from time to time by policy letters by competent authorities. Medical Officers, Sp Medical Officers and Medical Boards will take appropriate decisions based on following guidelines and principles.

1. To be deemed 'Medically fit', a candidate must be in good physical and mental health and free from any disease/syndrome/disability likely to interfere with the efficient performance of military duties in any terrain, climate, season and sea and air, in remote areas, in adverse conditions with no medical aid. Candidate also should be free of medical conditions which require frequent visit to medical facilities and use of any aid / drug.

- (a) It will, however, be assumed that candidate is in good health. There should be no evidence of weak constitution, imperfect development of any system, any congenital deformities/diseases/syndromes or malformations.
- (b) No swellings including tumours/cystic/verruca lymph nodes anywhere on the body. No warts or fungus anywhere on the body.
- (c) No hyper or hypo pigmentation or any other disease/syndrome/disability of the skin.
- (d) No lumps anywhere on the body.
- (e) No scars which can impair the functioning and cause significant disfigurement.
- (f) No utero-vascular malformation anywhere over the body.
- (g) No malformation of the head and face including asymmetry, deformity from fracture or depression of the bones of the skull, or scars indicating old operative interference and malformation like sinuses and fistulae etc.
- (h) No impairment of vision including colour perception and field of vision.
- (i) No hearing impairment, deformities/disabilities in ear-vestibulo-ocular system.
- (j) No impairment of speech due to any aetiology.
- (k) No disarticulation, congenital anomaly/syndromes of the bones or cartilages of the nose, or polyps, nasal polyps or disease of the naso-Pharynx, uvula and accessory sinuses. There should be normal dentition and no features of chronic tonsillitis.

- (f) No disease/syndrome/diability of the hand, palm, wrist or girth or any disease or injury affecting the normal function of either mandibular joint.
- (g) No disease/syndrome/diability of the heart and blood vessels (incl congenital, genetic, organic and hypertension, and conduction disorders).
- (h) No evidence of pulmonary tuberculosis or previous history of this disease or any other disease/syndrome/diability (chronic disease of the lungs and chest including allergic/immunological conditions, connective tissue disorders, musculoskeletal deformities of chest).
- (i) No disease of the digestive system (including any abnormality of the liver, pancreas (incl endocrine), congenital, hereditary or genetic disease/syndrome and diabetes).
- (j) No disease/syndrome/diability of any endocrine system, reticuloendothelial system.
- (k) No disease/syndrome/diability of genito-urinary system including malformation, atrophy/hypertrophy of any organ or gland.
- (l) No active, latent or congenital venereal disease.
- (m) No history or evidence of mental disease, epilepsy, intoxication of wine or opium.
- (n) No disease/deterioration/conditions of musculoskeletal system and joints and skull, spine and limbs.
- (o) There is no congenital or hereditary disease/syndrome/diability.

4. Psychological examinations will be carried out during SSB selection procedure. However, any abnormal traits noticed during medical examination will be a cause for rejection.

5. Based on the above mentioned guidelines, usual medical conditions which lead to rejection are:-

- (a) Musculo-skeletal deformities of spine, chest and pelvis, limbs e.g. scoliosis, tuberculis, kyphosis, deformities of vertebrae, ribs, sternum, clavicle, other bones of skeleton, unilateral fracture, deformed limbs, fingers, toes and congenital deformities of spine.
- (b) Deformities of Limbs: Deformed limbs, toes and fingers, deformed joints like valgus valgus, valgus varus, knock knees, bow legs, hyper mobile joints, amputated toes or fingers and deformed limbs.
- (c) Vision and eye: Myopia, hypermetropia, astigmatism, lesions of cornea, lens, retina, optic and ptosis.

- (k) Hearing, ears, nose and throat: Sub standard hearing capability, lesions of paranasal sinuses, middle ear, deviated nasal septum, and congenital abnormalities of lips, palate, pre-auricular sinuses and lymphadenitis/adenopathy of neck. Hearing capacity should be 600 cm for Conversational Voice and Forced Whispering for each ear.
- (l) Dental conditions:
- Incipient pathological conditions of the jaws, which are known to be progressive in nature.
 - Significant jaw discrepancies between upper and lower jaw which may hamper efficient mastication and/or speech will be a cause for rejection.
 - Systematic temporomandibular joint clicking and tenderness. A mouth opening of less than 30 mm measured at the incisal edges. Dislocation of the TMJ or wide opening.
 - All potentially cancerous conditions.
 - Clinical diagnosis for sub maxillary fibrosis with or without restriction of mouth opening.
 - Poor oral health status in the form of gross visible calculus, periodontal pocket and/or bleeding from gums.
 - Loose teeth: More than two mobile teeth will render the candidate unfit.
 - Cosmetic or post-traumatic maxillofacial surgery/trauma will be UNFIT for at least 24 weeks from the date of surgery/injury whichever is later.
 - If malocclusion of teeth is hampering efficient mastication, maintenance of oral hygiene or general nutrition or performance of duties efficiently.
- (m) Chest: Tuberculosis, or evidence of tuberculosis, lesions of lungs, heart, mucosa distal to oral cavity of chest wall.
- (n) Abdomen and genito-urinary system: Hernia, undescended testis, varicocele, organomegaly, solitary kidney, horseshoe kidney & cysts in the kidney/liver, Gall bladder stones, renal and ureteric stones, histiocytosis of congenital origin, phallosclerosis and lymphadenitis/lymph.
- (o) Nervous system: Fits, speech impediment and inebriance.
- (p) Skin: Vitiligo, leishmaniasis, scabies, eczema, dermatitis, skin infections, growths and hypothyroidism.

6. **Height and Weight Standards for Female Candidates Joining NDA (Army)**

Age (yrs)	Minimum weight for all ages	Age: 17 to 20 yrs	Age: 20-31 day-30 yrs	Age: 30-41 Day-40 yrs	Age Above 40 yrs
Height (cm)	Weight (Kg)	Weight (Kg)	Weight (Kg)	Weight (Kg)	Weight (Kg)
148	35.3	43.1	45.1	47.8	49.0
149	35.8	43.7	45.7	47.7	49.7
150	36.3	44.4	46.4	48.4	50.4
151	36.8	45.0	47.0	49.1	51.1
152	37.3	45.6	47.7	49.8	51.8
153	37.8	46.3	48.4	50.5	52.6
154	38.4	46.9	49.0	51.2	53.3
155	38.9	47.5	49.7	51.9	54.0
156	39.4	48.2	50.4	52.6	54.8
157	40.0	48.8	51.1	53.3	55.5
158	40.5	49.5	51.8	54.0	56.3
159	41.0	50.2	52.4	54.7	57.0
160	41.6	50.8	53.1	55.4	57.8
161	42.1	51.5	53.8	56.2	58.5
162	42.7	52.3	54.5	56.9	59.3
163	43.2	52.9	55.3	57.7	60.1
164	43.8	53.5	56.0	58.4	60.9
165	44.4	54.2	56.7	59.2	61.6
166	44.9	54.8	57.4	59.9	62.4
167	45.5	55.6	58.1	60.7	63.1
168	46.1	56.3	58.9	61.4	64.0
169	46.7	57.0	59.6	62.2	64.8
170	47.2	57.7	60.4	63.0	65.6
171	47.8	58.5	61.1	63.8	66.4

- (a) The minimum height required for entry into the Armed Forces for female Candidates is 152 cms. Gorkhas and candidates belonging to hills of North Eastern region of India, Garo and Khasi will be accepted with a minimum height of 148 cms. An allowance for growth of 02 cms will be made for candidates below 18 yrs at the time of examination. The minimum height requirement for the Flying Branch is 164 cms. Flying Branch also require other anthropometric standards like sitting height, leg length and thigh length.
- (b) Weight for height chart given below is for all categories of personnel. This chart is prepared based on the BMI. The chart specifies the minimum acceptable weight that candidates of a particular height must have. Weights below the minimum specified will not be acceptable in any case. The maximum acceptable weight of height has been specified in age wise categories. Weights higher than the acceptable limit will be acceptable only in the case of candidates with documented evidence of body building.

meeting, and housing at the National level. In such cases the following criteria will have to be met.

- (i) Body Mass Index should be below 25.
- (ii) Waist Hip ratio should be below 0.9 for male and 0.8 for female.
- (iii) Waist Circumference should be less than 90 cm for male and 80 cm for female.
- (iv) All biochemical metabolic parameters should be within normal limits.

Note: The height and weight for candidates below 17 years will be followed as per guidelines by Indian Academy of Paediatrics growth charts for height, weight and BMI for 05 Years to 16 Years old children available from time to time.

3. **Height and Weight Standards for Male Candidates joining NDA (Army):** 100 gts requirement norm as per the norms of army. Weight should be proportionate to height as per the chart given below:-

Age (Yrs)	Minimum weight for all ages	Age 17 to 20 yrs.	Age 20-31 day - 30 yrs	Age 30-40 day - 40 yrs	Age Above 40 yrs
Height (cm)	Weight (Kg)	Weight (Kg)	Weight (Kg)	Weight (Kg)	Weight (Kg)
180	35.1	31.1	45.1	47.0	49.0
181	35.8	31.7	45.7	47.7	49.7
182	36.3	32.4	46.4	48.4	50.4
183	36.9	33.0	47.0	49.1	51.1
184	37.3	33.6	47.7	49.8	51.8
185	37.9	34.3	48.4	50.5	52.6
186	38.4	34.9	49.0	51.2	53.3
187	38.9	35.5	49.7	51.9	54.0
188	39.4	36.2	50.4	52.6	54.8
189	40.0	36.8	51.1	53.3	55.5
190	40.3	37.5	51.8	54.0	56.3
191	40.8	38.2	52.4	54.7	57.0
192	41.6	38.8	53.1	55.4	57.8
193	42.1	39.5	53.8	56.2	58.5
194	42.7	40.2	54.5	56.9	59.3
195	43.2	40.9	55.2	57.7	60.1
196	43.8	41.5	55.9	58.4	60.8
197	44.4	42.2	56.7	59.2	61.6
198	44.9	42.9	57.4	59.9	62.4
199	45.5	43.6	58.1	60.7	63.2

160	46.1	56.9	58.9	61.4	64.0
161	46.7	57.0	59.6	62.2	64.9
162	47.2	57.7	60.4	63.0	65.6
163	47.8	58.5	61.1	63.8	66.4
164	48.4	59.2	61.9	64.6	67.2
165	49.0	59.9	62.6	65.3	68.1
166	49.6	60.6	63.4	66.1	68.9
167	50.2	61.4	64.1	66.9	69.7
168	50.8	62.1	64.9	67.7	70.6
169	51.4	62.8	65.7	68.5	71.4
170	52.0	63.6	66.5	69.4	72.3
171	52.6	64.3	67.3	70.2	73.1
172	53.1	65.1	68.0	71.0	74.0
173	53.9	65.8	68.8	71.8	74.8
174	54.5	66.6	69.6	72.7	75.7
175	55.1	67.4	70.4	73.5	76.6
176	55.8	68.1	71.2	74.3	77.4
177	56.4	68.9	72.1	75.2	78.3
178	57.0	69.7	72.9	76.0	79.2
179	57.7	70.5	73.7	76.9	80.1
180	58.3	71.3	74.5	77.8	81.0
181	59.0	72.1	75.4	78.6	81.9
182	59.6	72.9	76.2	79.5	82.8
183	60.3	73.7	77.0	80.4	83.7
184	60.9	74.5	77.9	81.2	84.6
185	61.6	75.3	78.7	82.1	85.6
186	62.3	76.1	79.6	83.0	86.5
187	62.9	76.9	80.4	83.9	87.4
188	63.6	77.8	81.3	84.8	88.4
189	64.3	78.6	82.2	85.7	89.3
190	65.0	79.4	83.0	86.6	90.3
191	65.7	80.3	83.9	87.6	91.2
192	66.4	81.1	84.8	88.5	92.2
193	67.0	81.9	85.7	89.4	93.1
194	67.7	82.8	86.6	90.3	94.1
195	68.4	83.7	87.5	91.3	95.1
196	69.1	84.5	88.4	92.2	96.0
197	69.9	85.4	89.3	93.1	97.0
198	70.6	86.2	90.2	94.1	98.0
199	71.3	87.1	91.1	95.0	99.0
200	72.0	88.0	92.0	96.0	100.0

20	32.7	38.9	42.9	47.0	100.0
22	33.4	39.8	43.8	47.9	102.0
24	34.2	40.7	44.8	48.9	104.0
26	34.9	41.6	45.7	49.9	106.0
28	35.6	42.5	46.7	50.9	108.1
30	36.4	43.4	47.6	51.8	106.1
32	37.1	44.3	48.6	52.8	107.1
34	37.9	45.2	49.5	53.8	108.2
36	38.6	46.1	50.5	54.8	109.2
40	39.4	47.0	51.4	55.8	110.3

(a) Weight for height charts given above is for all categories of personnel. This chart is prepared based on the BMI. The chart specifies the maximum acceptable weight that candidates of a particular height may have. Weights below the minimum specified will not be acceptable in any case. The maximum acceptable weight of height has been specified in age wise categories. Weights higher than the acceptable limit will be acceptable only in the case of candidates with documented evidence of body building, wrestling, and boxing at the National level. In such cases the following criteria will have to be met:

- Body Mass Index should be below 25.
- Waist Hip ratio should be below 0.9 for males and 0.8 for females.
- Waist Circumference should be less than 90 cm for males and 80 cm for females.
- All biochemical metabolic parameters should be within normal limits.

Note: The height and weight for candidates below 17 years will be followed as per guidelines by 'Indian Academy of Pediatrics growth charts for height, weight and BMI for 05 Years to 16 Years old children' extended from time to time.

(b) The minimum height required for male/female candidates for entry into the Armed Forces is 157 cm or as decided by the respective recruiting agency. Candidates and candidates belonging to Hills of North Eastern region of India, Garo and Khasi, will be accepted with a minimum height of 151 cm.

Note : An allowance for growth of 02 cm will be made for both male and female candidates below 18 yrs of age at the time of examination. The minimum height requirement for the Flying Branch is 163 cm. Anthropometric standards like sitting height, leg length and thigh length are also required by the Flying Branch.

8. Following investigations will be carried out for all officer entries and for pre-commission training academies. However examining medical officer/ medical board may ask for any other investigation deemed fit:

- Complete haemogram
- Urine R/E.

- (d) Class A only
- (e) USG Abbreviations and Prefixes.

9. Certain standards vary depending on age and type entry via state as follows:

Parameter	Strainline: (0-2 months, NDB, Army), IIS and equivalent	Graduate & equivalent entry: CDSI, IMS, OIA, USS, NCV, JGC & equivalent	Post graduate & equivalent entry: INL, AMU, APS, FAC, TA, AMK, AOC, M, A equivalent
Uncorrected visual acuity (distance)	0/36 & 0/36	0/60 & 0/60	0/36 & 0/36
BCVA	84/68 & 11/68	84/68 & 11/68	84/68 & 11/68
Myopia	≤ -2.0 D Sph (including near refraction) ± 2.0 D Cyl	≤ -3.25 D Sph (including near refraction) ± 2.0 D Cyl	≤ -3.25 D Sph (including near refraction) ± 2.0 D Cyl
Hypertropia	≤ -1.5 D Sph, (including near refraction) ± 2.0 D Cyl	≤ -1.50 D Sph (including near refraction) ± 2.0 D Cyl	≤ -1.50 D Sph (including near refraction) ± 2.0 D Cyl
Lack equivalent surgery	Not permitted	Permitted*	Permitted*
Color perception	(P-I)	(P-I)	(P-I)

*LASIK or Equivalent kerato-refractive procedure

(a) Any candidate who has undergone any kerato-refractive procedure will have a certificate-operative notes from the medical center where he/she has undergone the procedure, specifying the date and type of surgery.

Note: Absence of such a certificate will necessitate the Ophthalmologist to make a decision to reject the candidate with specific endorsement of "Unfit due to undocumented Visual Acuity corrective procedure"

(b) In order to be made FIT, the following criteria will have to be met:

- (i) Age: more than 20 yrs at the time of surgery
- (ii) Minimum 12 months post LASIK.
- (iii) Corneal central thickness equal to or more than 450 μ .
- (iv) Axial length by IOL Master equal to or less than 26 mm

- (vi) Residual reflection of less than or equal to ± 1.00 inch cylinder, quoted acceptable to the category applied for)
- (vii) Normal hearing tests.
- (viii) Corneal topography and ocular markers can also be included as add criteria.

Candidates who have undergone radial keratotomy are permanently unfit

10. Fees to be used for med. board proceedings is AFMS-2A.

11. President of Medical Examination Board, Medical Examination Board for selection for officers and pre-commissioning training academies are convened at designated Armed Forces Medical Services Hospitals near Service Selection Board (SSB). These Medical Boards are termed as 'Special Medical Board' (SMB). Candidates who clear SSB interview are referred to Armed Forces Medical Services Hospital with identification documents. Staff Surgeons of Hospital will identify the candidate, guide the candidate to fill the relevant portions of the AFMS-2, organize investigations and examination by Medical, Surgical, Eye, ENT, Dental specialists. Female candidates are examined by Gynaecology Specialist also. After examination by Specialists, the candidate is brought before Medical Board Medical Board once satisfied with findings of Specialists will declare fitness of candidate. If any candidate is declared 'Unfit' by SMB, such candidate can request for 'Appeal Medical Board' (AMB). Detailed procedure for AMB will be provided by President SMB.

12. Miscellaneous aspects.

(a) Clinical methods of examinations are laid down by C/O D/AFMS.

(b) Female candidates will be examined by female medical officers and specialists. In case of non-availability they will be examined by Medical Officers in the presence of female students.

(c) Fitness following surgery: Candidates may be declared fit after surgery. However, there should not be any complication; scar should be healthy, well healed and attained required tensile strength. The candidate shall be considered fit after 06 year of open/laparoscopic surgeries for hernia and twelve weeks of laparoscopic abdominal surgery for cholecystectomy. For any other surgery, fitness shall be considered only after 12 weeks of the laparoscopic surgery and 12 months after an open surgery. Candidate shall be unfit for any surgeries for injuries, ligament tear, and contracture band of any joint, irrespective of duration of surgery.

Annexure B

MEDICAL STANDARDS AND PROCEDURE OF MEDICAL EXAMINATION FOR OFFICER ENTRIES INTO NAVY

PROCEDURE ON CONDUCT OF MEDICAL BOARDS

1. A candidate recommended by the Service Selection Board (SSB) will undergo a medical examination (Special Medical Board) by a Board of service Medical Officers. Only those

candidates, who are declared fit by the Medical Board, will be admitted to the Academy. However, the President of the Medical Board will intimate the candidates, declared unfit of their results and the procedure for an Appeal Medical Board (AMBB) to be completed in a Contract Hospital or equivalent within 42 days of Special Medical Board.

2. Candidates who are declared unfit by the Appeal Medical Board (AMB) may request for Review Medical Board (RMB) within one day of completion of Appeal Medical Board. The President AMB will intimate about the procedure of challenging the findings of AMB. The candidates will also be intimated that sanction for holding of Review Medical Board (RMB) will be granted at the discretion of ICG/AFNS based on the merit of the case and that RMB is not a matter of right. The candidate should address the request for RMB if he/she so desires to DMO, Integrated Headquarters Ministry of Defence (New), New Haryana, Rajiv Marg, New Delhi - 110011 and a copy of the same is handed over to the President of AMB. ICG/AFNS will inform the date and place (Delhi and Pune only) where the candidate will appear for a RMB.

3. The following investigations will be carried out mandatorily during Special Medical Board. However, Medical Officer / Medical Board examining a candidate may ask for any other investigation as required or indicated:-

- (a) Complete Haemogram
- (b) Urine HEMU
- (c) X Ray chest PA view
- (d) USG abdomen & pelvis
- (e) Liver Function Tests
- (f) Renal Function Tests
- (g) X Ray Lumbosacral spine, Anterior-Posterior and Lateral views
- (h) Electrocardiogram (ECG)

PHYSICAL STANDARDS FOR OFFICERS (MALE/FEMALE) ON ENTRY

4. The candidate must be physically fit according to the prescribed physical standards.
 - (a) 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 duties both active and static, under peace as well as war conditions in any part of the world.
 - (b) There should be no evidence of weak constitution, bodily defects or underweight. The candidate should not be overweight or obese.

3. **Weight****Height-Weight Chart - Navy**

Height in Mtrs.	Up to 17 yrs		17 yrs + 1 day to 18 yrs		18 yrs + 1 day to 19 yrs		19 yrs + 1 day to 20 yrs		Above 20 yrs	
	Minimum Weight in Kg	Maximum Weight in Kg	Minimum Weight in Kg	Maximum Weight in Kg	Minimum Weight in Kg	Maximum Weight in Kg	Minimum Weight in Kg	Maximum Weight in Kg	Minimum Weight in Kg	Maximum Weight in Kg
1.47	37	45	40	45	40	45	41	50	40	52
1.48	37	46	41	46	41	46	41	50	41	53
1.49	38	47	41	47	41	49	41	51	41	53
1.5	38	47	42	47	42	50	42	52	42	54
1.51	39	48	42	48	42	50	42	52	42	55
1.52	39	49	43	49	43	51	43	53	43	55
1.53	40	49	43	49	43	51	43	54	43	56
1.54	41	50	44	50	44	52	44	55	44	57
1.55	41	50	44	50	44	53	44	55	44	58
1.56	41	51	45	51	45	54	45	56	45	58
1.57	42	52	46	52	46	54	46	57	46	59
1.58	42	52	46	52	46	55	46	57	46	60
1.59	43	53	47	53	47	56	47	58	47	61
1.6	43	54	47	54	47	56	47	59	47	61
1.61	44	54	48	54	48	57	48	60	48	62
1.62	44	55	49	55	49	58	49	60	49	63
1.63	45	56	49	56	49	58	49	61	49	64
1.64	46	56	50	56	50	59	50	62	50	65
1.65	46	57	50	57	50	60	50	63	50	65
1.66	47	58	51	58	51	61	51	63	51	66
1.67	47	59	52	59	52	61	52	64	52	67
1.68	48	59	52	59	52	62	52	65	52	68
1.69	49	60	53	60	53	63	53	66	53	69
1.7	49	61	53	61	53	64	53	66	53	69
1.71	50	61	54	61	54	64	54	67	54	70
1.72	50	62	55	62	55	65	55	68	55	71
1.73	51	63	55	63	55	65	55	69	55	72
1.74	51	64	56	64	56	67	56	70	56	73
1.75	52	64	57	64	57	67	57	70	57	74
1.76	53	65	57	65	57	68	57	71	57	74

L77	29	66	28	66	28	69	28	72	28	75
L78	30	67	29	67	29	70	29	73	29	76
L79	31	67	30	67	30	70	30	74	30	77
L8	32	68	31	68	31	71	31	75	31	78
L81	33	69	32	69	32	72	32	75	32	79
L82	34	70	33	70	33	73	33	76	33	79
L83	35	70	34	70	34	74	34	77	34	80
L84	36	71	35	71	35	74	35	78	35	81
L85	37	72	36	72	36	75	36	79	36	82
L86	38	73	37	73	37	76	37	80	37	83
L87	39	73	38	73	38	77	38	80	38	84
L88	40	74	39	74	39	78	39	81	39	85
L89	41	75	40	75	40	79	40	82	40	86
L9	42	76	41	76	41	79	41	83	41	87
L91	43	77	42	77	42	80	42	84	42	88
L92	44	77	43	77	43	81	43	85	43	89
L93	45	78	44	78	44	82	44	86	44	90
L94	46	79	45	79	45	83	45	87	45	90
L95	47	80	46	80	46	84	46	87	46	91

Notes for Male Candidates:

- (a) The minimum and maximum weight for height will be standard for all categories of personnel. Candidates with weight below the minimum specified will not be accepted.
- (b) Male candidates with weight higher than specified will be acceptable only in exceptional circumstances in case of candidates with documented evidence of body building, wrestling, boxing or muscular build. In such cases, the following criteria are to be met:
 - (i) Body Mass Index should not be more than 25.
 - (ii) Waist : Hip Ratio less than 0.9.
 - (iii) All biochemical parameters such as blood sugar Fasting and Post Prandial, blood urea, creatinine, cholesterol, HDL/C, etc are within normal limits.
- (c) The fitness can only be given by a Medical Specialist.

- (d) The minimum acceptable height is 157 cms. However, relaxation in height is permissible to candidates holding domicile of areas as mentioned below and talented sports (male) candidates.

Sl.No.	Category	Minimum Height for Male Candidates
(i)	Tribals from Ladakh Region	153 Cm
(ii)	Andaman & Nicobar, Lakshadweep and Ministry Islands	153 Cm
(iii)	Gorkhas, Nepali, Assamese Garowal, Khasi and Jirakhand	152 Cm
(iv)	Mizans, Sikims & North East Region	152 Cm
(v)	Extra talented sports candidates	153 Cm

Notes for Female Candidates:

(a) The minimum and maximum weight for height will be standard for all categories of personnel. Candidates with weight below the minimum specified will not be accepted.

(b) Candidates with weight higher than specified will be acceptable only in exceptional circumstances in case of candidates with documented evidence of body building, wrestling, boxing or muscular build. In such cases, the following criteria are to be met:

- Body Mass Index should not be more than 27.
- Waist : Hip Ratio less than 0.8 for female.
- All biochemical parameters such as blood sugar (Fasting and Post Prandial), blood urea, creatinine, cholesterol, HDL/C, etc are within normal limits.

(c) The fitness can only be given by a Medical Specialist.

(d) The minimum acceptable height for female Candidates is 152 cms. However, relaxation in height is permissible to candidates holding domicile of areas as mentioned below:

Sl No.	Category	Minimum Height for Female Candidates
(i)	Tribals from Ladakh Region	150 Cm
(ii)	Andaman, Nicobar, Lakshadweep and Ministry Islands	150 Cm
(iii)	Gorkhas, Nepali, Assamese, Garowal, Khasi and Jirakhand	147 Cm
(iv)	Mizans, Sikims & North East Region	147 Cm

(e) The above relaxation in height will not be applicable to candidates seeking entry as officers into the Navy as Pilot, Observer specializations of the training branch.

6. During the medical examination of candidates, the following principal points will be noted:-

- (a) The candidate is sufficiently intelligent, although the responsibility on this point rests with the Interviewing Officer. The Medical Officer will bring to the Interviewing Officer's notice any deficiency as he may observe during the examination.
- (b) The hearing is good and that there is no sign of any disease of ear, nose or throat.
- (c) Vision in either eye is up to the required standard. His/her eyes are bright, clear and with no obvious signs of abnormality. Measurements of eye balls should be full and free in all directions.
- (d) Speech is without impediment.
- (e) There is no glandular swelling.
- (f) Chest is well formed and ribs hunch, heart and lungs are sound.
- (g) Limbs of the candidates are well formed and fully developed.
- (h) There is no evidence of leprosy of any degree or form.
- (i) There is free and perfect action of all the joints.
- (k) Feet and toes are well formed.
- (l) Absence of any congenital malformation or defect.
- (m) There are no clear traces of previous acute or chronic disease pointing to an impaired constitution.
- (n) Presence of sufficient number of sound teeth for efficient mastication.
- (o) Absence of any disease of the Gastro-Intestinal tract.

The candidates very often do not give family history of disease because of ignorance. At times deliberate attempt is made for concealment of disease for fear of rejection. In all these cases Recruiting Medical Officer should state in concerned Para of AFMSF-2A, if there is any relevant history of Fits, Leprosy, Epilepsy or Tuberculosis. It is, however, essential to make a thorough clinical examination of candidates for any signs of organic disease/physical deformity. Recruiting Medical Officer should either reject the candidate or endorse the disease in respective column, if it is of acceptable nature.

3. Major defects for rejection are as under:-

- (a) Weak constitution, imperfect development, congenital malformation, muscular wasting.

Note:- Muscular wasting is to be judged merely by its effect on function.

(b) Malformation of the hand including deformity from fracture or depression of the bones of the skull.

(c) **Assessment of Scoliosis:** Idiopathic Scoliosis upto 10 degrees for Lumbar Spine and 15 degrees of Cervical Spine will be acceptable provided:

- (i) Individual is asymptomatic.
- (ii) No history of trauma to spine.
- (iii) No chest asymmetry/shoulder imbalance or pelvic obliquity in the lumbar spine.
- (iv) There is no neurological deficit.
- (v) No congenital anomaly of the spine.
- (vi) There is absence of syndromic features.
- (vii) HCG is normal.
- (viii) No deformity exists on full flexion of the spine.
- (ix) No restriction of range of movements.
- (x) No organic defect causing structural abnormality.

(d) Skeletal deformity either hereditary or acquired and disease or impairment of function of bones or joints.

Note: Each primary cervical rib causing no signs or symptoms is acceptable.

(e) Asymmetry of torso or limbs, abnormality of locomotion including amputations.

(f) Deformity of feet and toes.

(i) **Hyperextensible Finger Joint:** All candidates shall be thoroughly examined for hyper-extensible finger joints. Any extension of fingers bending backwards beyond 90 degrees shall be considered hyper-extensible and considered unfit. Other joints like Knee, Elbow, Spine and Hand shall also be examined carefully for features of hyper laxity/hypermobility. Although the individual may not show features of hyper laxity in other joints, isolated presentation of hyper extensibility of finger joints shall be considered unfit because of the various ailments that may manifest later if such candidates are subjected to strenuous physical training as mentioned above.

(ii) **Mallet Finger:** Loss of osseous mechanism at the distal inter-phalangeal joint leads to Mallet finger. Chronic residual deformity can lead to secondary changes at the PIP and MCP joint which can result in compromised hand function. Normal range of movement at DIP joints is 0-80 degrees and PIP joint is 0-90 degrees in both flexion and extension. In Mallet Finger, candidate is unable to extend straight distal phalanx of fingers completely.

(iii) Candidate with mild condition i.e., less than 10 degrees of extension lag without any evidence of trauma, previous symptoms and any functional deficit should be declared fit.

(iii) Candidates with fixed deformity of fingers will be declared unfit.

(iv) **Poliodactyly**: Can be assessed for fitness 12 weeks post-op. Can be declared fit if there is no bony abnormality (X-Ray), wound is well healed and scar is supple and there is no evidence of recurrent or clinical manifestation.

(v) **Amphidactyly**: Can be assessed for fitness 12 weeks post-op. Can be declared fit if there is no bony abnormality (X-Ray), wound is well healed and scar is supple and web-space is satisfactory.

(vi) **Carpitis Anomalica**: Unfit

(vii) **Polysynostosis**: Candidates to be considered fit after 12 weeks of post-operative period if there is no post-operative complication with a well healed surgical wound and no residual disease.

(viii) **Hypochondric Proliferation**: Will be considered fit in the absence of any other metabolic abnormality.

(ii) **Hand Fractures:**

(i) All intra-articular fractures especially of major joints (Shoulder, elbow, wrist, hip, knee and ankle) with or without surgery, with or without implant shall be considered unfit.

(ii) All intra-articular with post-operative implant must shall be considered unfit and will be considered fit after removal of 12 weeks of implant removal.

(iii) Nine (9) months will be the minimum duration for considering evaluation following extra-articular injuries of all long bones (with upper and lower limbs) post injury which have been managed conservatively. Individual will be considered fit if there is-

- (a) No evidence of mal-alignment/union.
- (b) No neuro-muscular deficit.
- (c) No soft tissue loss.
- (d) No functional deficit.
- (e) No evidence of osteomyelitis/suppurative infection.

(iii) **Cubitus Recurvanus**: - III degree is Unfit

(iv) **Cubitus Valgus**

(i) **Measurement of Carrying Angle**: The carrying angle at the elbow is assessed conventionally with the elbow in full extension using a goniometer to measure the angle from the carpal margin of the arm and forearm. However, variations in the development of the soft tissues in the arm and forearm generally lead to inconsistencies in the measured results. So far, there is no

uniform method to measure the carrying angle of the elbow. However, measuring the carrying angle of the elbow through identification of bony landmarks on the anterior, radial and lateral epicondyles of the humerus, and the distal radial and ulnar styloid processes is recommended. Carrying angle is measured by a manual goniometer with two directing axes of the arm and forearm. The axis of the arm is defined by the lateral border of the cranial surface of the acromion to the midpoint of the lateral and cranial epicondyles of the humerus. The axis of the forearm is defined by the midpoint of the lateral and cranial epicondyles of the humerus to the midpoint of the distal radial and ulnar styloid processes.

(ii) Cubitus valgus should be primarily a clinical diagnosis. The suggested indications to perform a radiographic evaluation include:

- (a) History of trauma
- (b) Swell around elbow
- (c) Asymmetry of angles
- (d) Distal neurovascular deficit
- (e) Restricted range of motion
- (f) If deemed necessary by Orthopaedic Surgeon

(k) **Hyperextension at Elbow Joint** Individuals can have naturally hyperextended elbow. This condition is not a medical problem, but can be a cause of fracture or chronic pain especially considering the stress and strain military population is involved in. Also, the inability to return the elbow to within 10 degrees of the neutral position is impairment in the activities of daily living.

- (i) Measurement flexibility: Measured using a Goniometer
- (ii) Normal elbow extension is 0 degrees. Up to 10 degrees of hyperextension is within normal limits if the patient has no history of trauma to the joint. Anyone with hyperextension more than 10 degree should be seek.

8. Eye:

- (a) Deformity or medical condition of the eye or eyelids that is liable for aggravation or recurrence.
- (b) Manifest squint of any degree.
- (c) Active trachoma or its complication or sequelae.
- (d) Visual acuity below prescribed standards.

Visual standards for NDA/NA entry are as follows –

Criteria	NDA/NA
Uncorrected Vision	6/12 6/12
Corrected Vision	6/6 6/6
Limit of Myopia	-1.0 D Sph
Limit of Hypermetropia	+2.0 D Sph
Astigmatism (within limits of myopia and hypermetropia)	$\pm 1.0 D$ cyl
Binocular Vision	Nil
Colour Perception	CP Test*

* CP defect will be assessed by only Ishihata test during SMT. However, Anomaloscope to be used during AMBENB for confirmation, as application.

2. **Keratol Refractive Surgery**, Keratotomy will be performed for candidates at SMT for detecting unidirectional refractive-corrective procedures like PRK/LASIK/SMILE, etc. Values for the same will be entered in SMT. Candidates who have undergone any Refractive Surgery (PRK/LASIK/SMILE) can be considered fit in all branches (except submarine, diving and MAR/D cadre) subject to the following conditions:-

- (a) Surgery should not have been carried out before 20 yrs of age.
- (b) Uncomplicated surgery at least 12 months before examination (Certificate mentioning the type of refractive surgery, date of surgery and pre-operative refractive error from concerned eye centre is to be produced by the candidate at the time of recruitment medical examination).
- (c) **For LASIK Standards**, Candidate will be considered fit if Axial Length by ER Master is equal to or less than 20 mm by IOL Master or A Scan and Central Corneal Thickness by Pachymeter equal to or more than 480 microns.
- (d) Residual refraction less than or equal to ± 0.5 D Sph or Cyl, provided within the permissible limit for the category applied for. However, for Pilot and Observer entries, the residual refraction should be nil.
- (e) Pre-operative refractive error not more than ± 0.01 .
- (f) Normal retinal examination.

3. **Keratol-Refractive Surgery (PRK, LASIK, SMILE) is not acceptable for special cadres such as submarine, diving and MAR/D. Candidates who have undergone Radial Keratotomy are permanently unfit for all branches.**

4. **Fit**, Candidate will be considered fit post-operative provided there is no recurrence one year after surgery, visual axis is clear with normal visual fields and upper eyelid is 42 mm below the superior lid margin. Candidates, who have not

extraneous surgery for the condition, would be considered fit if they meet any of the following criteria..

- (a) Myopia
- (b) Clear visual axis
- (c) Normal visual field
- (d) No signs of abnormal degeneration/ head tilt

5. **Esotropia** (10%)

6. **Anisocoria** If a size difference between the pupils is $>0.5mm$, candidate will be considered unfit.

7. **Heterochromias** (10%)

8. **Spinocon Tars** Can be considered fit if size difference between pupils is $<0.1mm$, pupillary reflexes are brisk with no observed pathology in cornea, lens or retina.

9. **Ectopia** (10%)

10. **Lenticular Opacities** Any lenticular opacity causing visual deterioration, or in the visual axis or in a position so as to cast a shadow around the pupils, which may cause glare phenomenon, should be considered unfit. The propensity of the opacity not to increase in size or number should also be a consideration when deciding fitness. Small stationary lenticular opacities in the periphery like congenital blue dot cataract, not affecting the visual axis/visual field may be considered by specialist (Should be less than 30 in number and central area of 04 mm to be clear).

11. **Optic Nerve Disease** (10%)

12. **High Cup Disc Ratio** Candidate will be declared unfit if any of the following conditions exist..

- (i) Inter eye symmetry in cup disc ratio is >0.2 .
- (ii) Retinal Nerve Fibre Layer defect seen by RNFL analysis on OCT.
- (iii) Visual field defect by Visual Field Analyzer.

13. **Exotropia** (10%)

14. **Lentix**

- (a) The following lenticular opacities will render a candidate Unfit..
 - (i) Single circumferential lenticular opacities extending more than two clock hours in either or both eyes.

(d) Two circumferential lattices each more than one clock hour in extent in either or both eyes.

(e) Radial lattices.

(f) Any lattice with atrophic holes/ flap tear (bilaterally).

(g) Lattice degeneration posterior to equator.

(4) Candidates with lattice degeneration will be considered fit under the following conditions:-

(i) Single circumferential lattice without holes of less than two clock hours in either or both eyes.

(ii) Two circumferential lattices without holes each being less than one clock hour in extent in either or both eyes.

(iii) Post Laser alternatives single circumferential lattice, without holes/ flap tear, less than two clock hours extent in either or both eyes.

(iv) Post Laser alternatives two circumferential lattices, without holes/ flap tear, each being less than one clock hour extent in either or both eyes.

9. **Ear, Nose and Throat**

(a) **Ear:** History or treatment for otitis, vertigo or tinnitus, impairment of hearing, disease of the external ear including otitis, otosclerosis or ossification which prevent a thorough examination of the drum, scheduled perforation of the tympanic membrane, and discharge or sign of acute or chronic suppurative otitis media, evidence of radical or modified radical mastoid operation.

Notes:

1. A candidate should be able to hear forced whisper at a distance of 8/10 cms with each ear separately with back to the examiner.

2. **Otitis Media:** Current Otitis Media of any type will entail rejection. Evidence of healed chronic otitis media in the form of tympanosclerosis/ scarred tympanic membrane affecting less than 50% of Pars Interna of tympanic membrane will be accepted by CNI Specialist and will be acceptable if Pure Tone Audiometry (PTA) and Tympanometry are normal. All cases of Tympanostomy and Myringoplasty/ Myringotomy for chronic Otitis Media will entail permanent rejection.

(i) The fog condition would render a candidate unfit:-

(a) Radical perforation

- (vi) Residual hearing loss on free field hearing and/or PTA.
- (vii) Any other type of tympanoplasty (other than Type I tympanoplasty) or middle ear surgery (including ossiculoplasty, mastoidectomy, canal wall down mastoidectomy, stapedectomy, stapedotomy, etc.)
- (viii) Any implanted hearing device (eg cochlear implant, bone conduction implant, middle ear implants etc.)

(9) Base Growth of Maxillary Anterior Canal Any candidate with clinically evident bony growth of external auditory canal like osteosis, osteoma, fibrous dysplasia etc. will be rejected (A/C). Assessment of operated cases will be done after maximum period of 6 weeks. Post-operative histopathology report and IHC/T immunohistochemistry will be mandatory. If the histopathological report is suggestive of a neoplasm or IHC/T report here is suggestive of partial removal or deep extension it would entail rejection.

(a) **Nose:** Disease of the bones or cartilage of the nose, marked nasal alarve, nasal polyps, atrophic rhinitis, disease of the accessory sinuses and nasopharynx.

Septal Perforation: Nasal septal perforation can be anterior cartilaginous or posterior bony perforation. Any septal perforation greater than 01 cm in the greatest dimension is a ground for rejection. A septal perforation which is associated with nasal deformity, nasal crusting, epistaxis and granulation irrespective of the size is a ground for rejection.

(i) **Nasal Polypoid:** It is also known as Chronic Rhinosinusitis with polyps (CRSwNP). Nasal polyps is mostly associated with allergy, asthma, sensitivity to NSAIDs and infection i.e. bacterial and fungal. Most of these patients have high chances of recurrence and require long term management with nasal and oral steroids and are unfit for extremes of altitude and temperature conditions. Any individual detected to have nasal polyps on examination or with history of having undergone surgery for nasal polyps will be rejected.

(ii) **Throat:** Disease of throat parts, tongue, uvula, pharynx and disease of injury affecting the normal function of either mandibular joint.

Note:- Simple hypertrophy of the uvula without associated history of attacks of tonsillitis is acceptable.

(iii) **Disease of the larynx and impairment of speech.** Voice should be normal. Candidates with pronounced stammer will not be accepted.

(10) Dental Condition. It should be ensured that a sufficient number of natural and sound teeth are present for efficient mastication.

(a) A candidate must have a minimum of 14 sound teeth to be acceptable in order to assess the dental condition of an individual. Dental points less than 14 are a cause of

region. The dental points are allotted as under for teeth in good opposition with corresponding teeth in the other jaw.

- (i) Central incisor, lateral incisor, canine, 1st Premolar, 2nd Premolar and under developed third molar with 1 point each.
- (ii) 1st molar and 2nd molar and fully developed 3rd molar with 2 points each.
- (iii) When all 12 teeth are present, there will be a total count of 22 or 20 points according to whether the third molars are well developed or not.

(b) The following teeth in good functional opposition must be present in each jaw.

- (i) Any 4 of the 4 incisors.
- (ii) Any 6 of the 10 premolars.

All these teeth must be sound, replaceable.

(c) Candidates suffering from severe pyorrhea will be rejected. Where the state of pyorrhea is such that in the opinion of the Dental Officer, it can be cured without extraction of teeth, the candidates may be accepted. A note about the affected teeth is to be inserted by the Medical/Dental Officer in the medical documents.

(d) Artificial dentures are not to be included while counting the dental points.

11. **Not:**

(a) Enlarged glands, tubercular or due to other diseases in the neck or other parts of the body.

Note: Scars of operations for the removal of tubercular glands are not a cause for rejection provided there has been no active disease within the preceding five years and the chest is clinically and radiologically clear.

(b) Disease of the thyroid gland.

(c) **Claws:** The following are criteria for rejection.

- (a) Deformity of claw, congenital or acquired.
- (b) Extension less than 2 cm.
- (c) Significant bilateral/unilateral Gynecomastia in males. Can be evaluated for fitness 12 weeks post-op. Candidates to be considered fit after 12 weeks (up post operative period).
- (d) There is a well healed surgical wound with no residual disease.
- (e) No post-operative complications.
- (f) Surgical scar should be sufficiently matured and unlikely to cause any problems during military training.

- (ag) Normal general physical examination.
- (ah) Inductee's weight is normal.

12. Skin and Sexually Transmitted Infections (STI)

- (a) Skin disease unless temporary or trivial.
- (b) Sores which by their extent or position cause or are likely to cause disability/ or marked disfigurement.
- (c) Hyperhidrosis - Palmar, plantar or axillary.
- (d) Congenital, active or latent sexually transmitted diseases.

Note: In cases with old healed sores over the groin or penis/ vagina suggestive of past STI, blood will be tested for STI (including HIV) to exclude latent Sexually Transmitted Disease.

13. Respiratory System

- (a) History of chronic cough or bronchial asthma.
- (b) Evidence of Pulmonary Tuberculosis.
- (c) Evidence of disease of bronchi, lungs or pleura detected on radiological examination of the chest will disqualify the candidate.

Note: An X-Ray examination of the chest will be carried out under following circumstances:-

- (i) On entry into the service as a cadet or direct entry.
- (ii) At the time of grant of permanent commission in case of short service commissioned officer.

14. Cardio-Vascular System

- (a) Functional or organic disease of the heart or blood vessels, presence of murmur or clicks on auscultation.
- (b) Tachycardia (Pulse Rate persistently over 90/min at rest), bradycardia (Pulse Rate persistently below 40/min at rest), any abnormality of peripheral pulses.
- (c) **Blood Pressure** Candidate with Blood Pressure consistently greater than 160/90mm Hg will be rejected. All such candidate shall undergo a 24-hour Ambulatory Blood Pressure Monitoring (24-ABPM) to differentiate between white coat hypertension and persistent hypertension. Whosoever feasible, candidates will be evaluated by a

Cardiologist at AMB. Those with normal 24h ABPM and without any target organ damage can be considered for a further evaluation by a cardiologist.

(b) **Electrocardiogram (ECG)** Any ECG abnormality detected at SSBH will be a ground for rejection. Such candidates will be evaluated by a cardiologist during AMB with echocardiography for structural abnormality and stress test if deemed necessary. Dangerous ECG abnormalities like incomplete RBBB, T wave inversion in inferior leads, I inversion in V1-V2 (personal previous pattern), LVH by voltage criteria (due to thin chest wall) may arise without any structural heart disease. Echocardiography should be performed in all such cases to rule out an underlying structural heart disease and opinion of Senior Adviser (Medicine) Cardiologist should be obtained. If echocardiography and stress tests (if indicated) are normal, the individual can be considered fit.

13. **Abdomen**

(a) *Evidence of any disease of the gastro-intestinal tract, enlargement of liver, gall bladder or spleen, tenderness on abdominal palpation, evidence/history of peptic ulcer or previous history of previous abdominal surgery. All official entry candidates are to be subjected to the Ultra Sound Examination of the abdominal and pelvic organs for detecting any abnormalities of the internal organs.*

(b) *Hyperbilirubinemia of any nature is Unfit except for Unconjugated Hyperbilirubinemia where genetic studies confirm Gilbert's Syndrome as the biological factor meeting criteria fulfilled below:-*

- (i) Unconjugated Hyperbilirubinemia with Total Serum Bilirubin < 3mg/dl, normal transaminases, PT/INR and albumin.
- (ii) HbA_{1c} and Aortic HCA should be negative.
- (iii) No abnormality in PT/INR, Reticulocyte count, lactate dehydrogenase levels, LDH, VLDL and HDL electrophoresis.
- (iv) Normal Ultrasonogram of the liver and PANCREAS.
- (v) Diagnosis of Gilbert's Syndrome by genetic analysis of UGT1A1 gene.

(c) **Post-op Abdomen:** Post-op duration for assessment of fitness in common conditions:-

- (i) **Hernia:** Those who have been operated for hernia may be declared fit provided:-
 - (a) 24 weeks have elapsed since the operation for Abdominal Wall hernia. Documentary proof to this effect is to be produced by the candidate.
 - (b) General tone of the abdominal musculature is good.

(a) There has been no recurrence of hernia or any complication associated with the operation.

(4) **Other Conditions:** Those who have been operated for below mentioned conditions may be declared fit provided:

(a) Open Cholecystectomy: 24 weeks (In the absence of Inguinal Hernia)

(b) Laparoscopic Cholecystectomy: 08 weeks (Normal LFT, Normal histopathology)

(c) Appendectomy:

(i) **Laparoscopic Appendectomy** will be assessed for post operative fitness after a minimum period of 14 weeks. Candidates will be considered fit if:

(a) Post op scars have healed well.

(b) Scar is supple.

(c) Histopathological report of acute appendicitis is available.

(d) USG confirmation of absence of post op incisional hernia.

(ii) **Open Appendectomy with muscle split approach** will be assessed for post op fitness after a minimum period 12 weeks. Candidates will be considered fit if:

(a) Wound has healed well.

(b) Scar is supple and not tender.

(c) Histopathological report of acute appendicitis is available.

(d) USG confirmation of absence of surgical site incisional hernia.

(iii) **Open Appendectomy with muscle cut approach** will be assessed for post op fitness after a minimum period 08 weeks. Candidates will be considered fit if:

(a) Wound has healed well.

(b) Scar is supple and not tender, appendicitis is available.

(c) USG confirmation of absence of surgical site incisional

(d) Histopathological report of acute

(e) Elephantiasis, 12 weeks

(f) Eczema, Any, Any, Psoriasis and Grade 15, Hemorrhoids 12 weeks post-op with satisfactory treatment and recovery.

(g) **Hydrocele and Varicocele** 08 weeks post-op with satisfactory treatment and recovery.

(g) **Orchid cyst:** (It needs post-op with suitable treatment and absence of any recidive).

(h) **Approach of Gall Bladder:** Will be considered if in the absence of any other abnormality of the biliary tract. ABCP will be done for all such cases.

10. **Genito-Urinary System.**

(a) Any evidence of disease of genital organs.

(b) Bilateral undescended testis, unilateral undescended testis, retained in the inguinal canal or at the external abdominal ring unless corrected by operation.

Note: Absence of one testis is not a cause for rejection unless the latter has been removed on account of disease or its absence has affected the physical or mental health of the candidate.

(c) Disease or malformation of the kidneys or ureters.

(d) Incontinence of urine and rectal incontinence.

(e) Any abnormality on examination of urea including stricture or glycosuria.

(f) The following are criteria for rejection:-

(i) Renal Calculi, irrespective of size, multiple, obstructive or non-obstructive. History of renal calculi (history or radiological evidence) will render a candidate unfit.

(ii) Calculus in

(iii) Bladder Diverticulum.

(iv) Simple Renal Cyst, > 1.5 Cm.

11. **Central Nervous System.**

(a) Organic disease of Central Nervous System.

(b) Tumors.

(c) Candidates with history of fits and recurrent attacks of headache/ migraine will not be accepted.

12. **Psychiatric Disorder:** History or evidence of mental disease or nervous instability in the candidate or his family.

14. Lab Investigations (Hematology)

- (a) **Polycythemia** Hemoglobin more than 16.7g/dl, in males and more than 16g/dl, in females will be considered as Polycythemia and deemed unfit.
- (b) **Monocytosis** Absolute monocyte counts greater than 1000/cu mm or more than or equal to 10% of total WBC counts is to be deemed unfit.
- (c) **Leucopenia** Absolute neutrophil counts greater than or equal to 500 cu mm is deemed unfit.

20. **Urogenital Conditions:** They should not be pregnant and should also be free from gynecological disorders such as primary or secondary Amenorrhea/ Dyspareunia/ Menorrhagia etc. All service candidates are to be subjected to Ultra Sound Examination of the abdominal and pelvic organs for detecting any abnormality of the internal organs.

21. **Acceptable Defects on Entry:** Candidates for the Navy with the following minor defects may be accepted. These defects are however to be noted in the medical form on entry.

- (a) Knock knee with a separation of less than 7 cm at the internal malleoli.
- (b) Mild curvature of legs not affecting walking or running. Inter-malleolar distance should not be over 7 cm.
- (c) Mild strabismic not affecting expression.
- (d) Mild degree of varicose.
- (e) Mild degree of varicose veins.

Note:- Reversible operations whenever required are to be performed prior to entry. No guarantee is given about ultimate acceptance and it should be clearly understood by a candidate that the decision whether an operation is desirable or necessary is one to be made by their private medical advisor. The Government will accept no liability regarding the result of operation or any subsequent treatment.

- (f) Any other slight defect which prohibits no functional disability and which in the opinion of medical officer/ medical board will not interfere with the individual's efficiency as an officer or sailor.

Annexure C

MEDICAL STANDARDS FOR NDA (AIR FORCE) (FLYING & GROUND DUTY BRANCHES)

GENERAL INSTRUCTIONS

1. In this section, standardized guidelines for the physical assessment of candidates for commissioning through NDA into flying and ground duty branches in the IAF are elaborated. The purpose of these guidelines is to lay down uniform physical standards and to ensure that the

candidates are free of health conditions that may hamper or limit their performance in the respective branch. The guidelines enumerated in this section are meant to be applied in conjunction with the standard method of clinical examination.

2. All candidates during their induction should meet the basic physical fitness standards which will enable them to proficiently undergo the training and the subsequent service in varied climatic and work environments. A candidate will not be assessed physically if unless the complete examination shows that he/she is physically and mentally capable of withstanding the severe physical and mental strain for prolonged periods. The requirements of medical fitness are essentially the same for all branches, except for services in whom the parameters for visual acuity, anthropometry and certain other physical standards are more stringent.

3. The medical standards spell out pointers to initial entry medical standards. Continuation of medical fitness during training will be assessed during the period medical examinations held at NDA/NA, prior to commissioning. They are not absolute, in view of the vast spectrum of diseases. These standards are subject to change with the advancement in the scientific knowledge and change in working conditions of Armed Forces.

4. **Laboratory and Radiological Investigations for Special Medical Board**

(a) **Hematology:** Complete Hemogram (Hemoglobin estimation, Total Leucocyte Count with Differential Leucocyte Count, Platelet Count).

(b) **ESR** (Electrophoresis) will be carried out in candidates for commissioning to exclude Hemoglobinopathy.

(c) **Biochemistry:** Liver function test (LFT), Renal Function Test (RFT), Blood glucose estimation (Fasting and two hours after 75g anhydrous glucose/2.5g glucose monohydrate loading), Lipid profile.

(d) Urine Routine Examination (RU) and Microscopic Examination (MU).

(e) ECG

(f) Radiology:

(i) Radiograph Chest PA view in all candidates.

(ii) Radiograph Lumbo-sacral Spine - AP and Lateral views in all candidates.

(iii) In addition to the above radiographs, Cervical Spine - AP and Lateral views, Dorsal Spine - AP and Lateral views will be carried out in all candidates being assessed **for flying duties**.

(iv) DSG Abdomen and Pelvis.

(v) Any other additional investigation deemed necessary will be conducted during the Appeal stage.

General Physical Assessment

5. Every candidate, to be fit for the Air Force, must conform to the minimum standards laid down in the succeeding paragraphs. The physical parameters should fall within the acceptable ranges and should be proportionate.

6. The residual effects of old fractures/ injuries are to be assessed for any functional limitation. If there is no effect on function, the candidate can be assessed fit. Following categories should be meticulously assessed.

(A) **Spine injuries.** Cases of old fractures of spine are unfit. Any residual deformity of spine or compression of a vertebra will be cause for rejection.

(B) **Nerve injuries.** Injuries involving the trunk of the lower limbs, resulting in loss of function, or reflexes formation, which causes pain significant enough, indicate unsuitability for employment in flying duties.

(C) **keloids.** The presence of large or multiple keloids will be a cause for rejection.

(D) **Surgical Scars.** Most well-healed scars for e.g. as resulting from any superficial surgery do not, per se, indicate unsuitability for employment. Extensive scarring of a limb or torso that may cause functional limitation or unatightly appearance should be considered unfit.

(E) **Birth Marks.** Abnormal pigmentation in the form of tans or hyper-pigmentation is not acceptable. Localized congenital neck/ naevus, however, is acceptable provided its size is < 10 cm. Congenital multiple naevi or vascular tumours that interfere with function or are exposed to constant irritation are not acceptable.

(F) **Subcutaneous Swellings.** Lipomas will be considered fit unless the lipoma is causing significant discomfort/ functional impairment due to its size/ location. Neurofibromas, if single will be considered fit. Multiple neurofibromas associated with significant Cx/B-cx-lar spots (more than 1.5 cm size or more than one in number) will be considered unfit.

(G) **Cervical Rib.** Cervical rib without any extra-vascular compression will be accepted. Meticulous clinical examination to rule out extra-vascular compression should be performed in such cases. This should be documented in the Medical Board proceedings.

(H) **Cranio-facial Deformities.** Asymmetry of the face and head or uncorrected deformities of skull, face or mandible which will interfere with proper fitting of oxygen mask, helmet or military headgear will be considered unfit. Major deformities even after corrective surgery will be considered unfit.

(I) **History relating to Operations.** A candidate who has undergone an abdominal operation involving extensive surgical incision or partial total excision of any organ is, as a rule, unfit for service. Operation involving the cranial vault with any residual bony defect will be unfit. Major thoracic operations will make the candidate unfit.

Measurements and Physical

7. **Chest Shape and Circumference.** The shape of the chest is as important as its actual measurement. The chest should be well proportioned and well developed. Any chest deformity likely to interfere with physical exertion during training and performance of military duties or adversely impact military loading or are associated with any cardio-pulmonary or musculoskeletal anomaly are to be considered unfit. Minimum recommended chest circumference for Candidates is 77 cm. The chest expansion should be at least 10 cm for all candidates. For the purpose of documentation, any decimal fraction lower than 0.5 cm will be ignored, 0.5 cm will be recorded as such and 0.6 cm and above will be recorded as 1 cm.

8. **Height.**

(a) **Ground Duty Branches.** The minimum height for entry into ground duty branches is as follows:-

- (i) Male = 157 cm
- (ii) Female = 152 cm.

Note 1. In case of candidates of Lakshadweep ethnicity, the minimum acceptable height is reduced by 02 cm (155 cm for male and 150 cm for female). For Goitias and individuals belonging to North Eastern regions of India and hilly regions of Uttarakhand, the minimum acceptable height will be 05 cm less (152 cm for male and 147 cm for female).

Note 2. Candidates of North East and hilly areas ethnicity includes Goitias, Karasoms, Goitoms, Aozoms and those belonging to the states of Nagaland, Manipur, Mizoram, Meghalaya, Arunachal Pradesh, Tripura, Sikkim and hilly areas of Uttarakhand.

(b) **Flying Duty Branches.** The minimum height (both male and female) for entry into flying duty branches is as follows:-

- (i) Pilots, Flight Test Engineers (FTE) and WSO of Su-30 MKI – 162 cm
- (ii) Officers and aircrew who apply for aircrew duties, other than F (P), FTE (Jules) and WSO of Su-30 MKI – 157 cm

9. **Height, Sitting Height, Leg Length and Thigh Length for Male Candidates.**

(a) Minimum height for Flying Branch will be 162.9 cm. Acceptable measurements of leg length, thigh length and sitting height for such aircrew will be as under:-

- | | | |
|--------------------|---------|----------|
| (i) Sitting height | Minimum | 81.5 cm |
| | Minimum | 80.0 cm |
| (ii) Leg Length | Minimum | 99.0 cm |
| | Minimum | 104.0 cm |
| (iii) Thigh Length | Minimum | 44.0 cm |

11. Body Weight Parameters:

(a) The acceptable weight range for candidates is given at Appendix A (Male candidates) and Appendix B (Female candidates) to this chapter. Candidates outside the given weight range for their age and height will not be acceptable.

Appendix A

(Refer page 5 & 10)

WEIGHT FOR HEIGHT CHART: MALES (AT ENTRY)

Height (cm)	Minimum Weight (Kg)	Maximum Weight (Kg)		
		Age at last birthday Below 25 yrs	Age at last birthday 25 or 25 yrs	Age at last birthday Above 25 yrs
152	40	33	35	38
153	40	34	36	39
154	40	35	37	39
155	41	35	38	40
156	41	36	38	41
157	42	37	39	42
158	42	37	40	42
159	43	38	41	43
160	44	39	41	44
161	44	40	42	45
162	45	40	42	46
163	45	41	43	46
164	46	42	43	47
165	46	43	44	48
166	47	43	44	49
167	47	44	45	50
168	48	45	46	51
169	49	46	46	51
170	49	46	47	52
171	50	47	48	53
172	50	48	49	54
173	51	49	50	55
174	51	50	51	56
175	52	50	51	57
176	53	51	52	57
177	53	52	53	58
178	54	53	54	59
179	54	54	55	60
180	55	55	56	61
181	56	55	57	62
182	56	56	58	63
183	57	57	60	64

182	58	78	91	83
185	58	78	92	86
186	59	80	93	86
187	59	80	94	87
188	60	81	95	88
189	61	82	96	89
190	61	83	97	90
191	62	84	98	91
192	63	85	99	92
193	63	86	99	93
194	64	87	99	94
195	65	87	99	95
196	65	88	99	96
197	66	89	99	97
198	67	90	99	98
199	67	91	99	99
200	68	92	99	100

Appendix B
(Refer para 8 & 15)

WEIGHT FOR HEIGHT CHART - FEMALES (AT ENTRY)

Height (cm)	Minimum Weight (Kg)	Minimum Weight (Kg)		
		Age at last birthday Below 19 yrs	Age at last birthday 20 to 25 yrs	Age at last birthday Above 25 yrs
147	37	25	28	31
148	37	26	28	31
149	37	27	29	32
150	37	27	30	33
151	37	28	30	34
152	37	29	31	34
153	37	29	31	35
154	38	30	32	36
155	38	30	32	36
156	39	31	34	37
157	39	32	34	38
158	40	32	35	39
159	40	33	36	39
160	41	34	36	40
161	41	34	37	41
162	42	35	38	42
163	43	36	38	42
164	43	36	39	43
165	44	37	40	44
166	44	38	41	45
167	45	39	41	46

168	45	56	62	66
169	46	60	65	67
170	46	61	64	66
171	47	61	64	69
172	47	62	63	70
173	48	63	66	70
174	48	64	67	71
175	49	64	67	72
176	50	65	68	73
177	50	66	69	74
178	51	67	70	74
179	51	67	70	75
180	52	68	71	76
181	52	69	72	77
182	53	70	73	78
183	54	70	74	79
184	54	71	74	80
185	55	72	75	80
186	55	73	76	81
187	56	73	77	82
188	57	74	78	83
189	57	75	79	84
190	58	76	79	85
191	58	77	80	86
192	59	77	81	87
193	60	78	82	88
194	60	79	82	88
195	61	80	84	89

CARDIOVASCULAR SYSTEM

- Pulse** Presence of tachycardia (>100 bpm) as well as presence of bradycardia (<60 bpm) are noted. In case bradycardia is considered to be physiological, the candidate can be declared fit after evaluation by Medical specialist/cardiologist.
- Blood pressure** An individual with systolic blood pressure greater than or equal to 140 mmHg and/or diastolic blood pressure greater than or equal to 90 mmHg shall be rejected.
- Cardiac Murmurs** Evidence of organic cardiovascular disease will be cause for rejection. Diastolic murmurs are treatable organic. Short systolic murmurs of apical systolic nature and not associated with thrill and which diminish on standing, especially if associated with a normal ECG and chest radiograph, are more often functional.
- ECG** Any ECG abnormality detected at SMI/Racemstone Medical Examination will be a ground for rejection. Bundle branch block (incomplete RBBB, LBBB), T wave inversion in inferior leads, T inversion in V1 to V3 (persistent juvenile pattern), LAD by voltage criteria (due to thin chest wall) may arise without any structural heart disease. Echocardiography should be

performed in all such cases to rule out an underlying structural heart disease and opinion of Senior Advisor (Medicine)/ cardiologist should be obtained.

15. Congenital Cardiac Anomalies. All congenital cardiac anomalies will be declared unfit.

16. Cardiac Surgery and Interventions. Candidates with history of cardiac surgery/ intervention in the past will be considered unfit.

RESPIRATORY SYSTEM

17. Pulmonary Tuberculosis. Any residual scarring in pulmonary parenchyma or pleura, as evidenced by a demonstrable opacity on chest radiograph will be a ground for rejection. Old treated cases with no significant residual abnormality can be accepted if the diagnosis and treatment was completed more than two years earlier.

18. Emphyse with Effusion. Any evidence of pleural thickening will be a cause for rejection. At the time of appeal, these cases will be subjected to detailed evaluation with appropriate investigations by Pulmonologist/Medical Specialist.

19. Bronchitis. History of repeated attacks of cough/ wheezing/bronchitis may be manifestations of chronic bronchitis or other chronic pathology of the respiratory tract. Such cases will be assessed unfit and will be subjected to detailed evaluation with appropriate investigations at the time of appeal by Pulmonologist/Medical Specialist.

20. Bronchial Asthma. History of repeated attacks of bronchial asthma/wheezing/ allergic rhinitis will be a cause for rejection.

21. Radiographs of the Chest. Definite radiological evidence of disease of the lungs, mediastinum and pleural structures for declaring the candidate unfit.

22. Thoracic Surgery. Candidate with history of any major surgery of the thorax will be considered unfit.

GASTROINTESTINAL SYSTEM

23. Head to toe examination. Presence of any sign of liver cell failure (e.g. loss of hair, paronychia, spider naevi, gynaecomastia, testicular atrophy, flapping tremor, etc) and any evidence of malabsorption (pale, soft and sticky stools, angular cheilitis, post prandial fullness, steatorrhea).

24. Gastro-Duodenal Disturbance. Any past surgical procedure involving partial or total loss of stomach (other than oesophageal replacement) will entail rejection.

25. Disease of the Liver. If past history of jaundice is noted or any abnormality of the liver function is suggested, full investigation is required for assessment. Candidates suffering from viral hepatitis or any other form of jaundice will be rejected. Such candidates can be declared fit after a minimum period of 6 months has elapsed provided there is full clinical recovery; HbV and HCV status are both negative and liver functions are within normal limits. History of recurrent jaundice and hyperbilirubinaemia of any acute is unfit.

15. Disease of the Spine: Candidates who have undergone partial/total spondylectomy or spondylectomy, irrespective of the cause for operation.

17. Hernia: Any abdominal wall hernia is unfit. A candidate with a well-healed surgical scar, after 24 weeks of either open or laparoscopic repair, is considered fit provided there is no evidence of recurrence and the abdominal wall musculature is good.

18. Abdominal Surgery: A candidate with well-healed scar post conventional abdominal surgery (except appendectomy through right iliac fossa incision, refer par 1.2.9 (i)) will be considered fit after 24 weeks provided there is no potential for any recurrence of the underlying pathology, no evidence of incisional hernia and the condition of the abdominal wall musculature is good.

19. Anorectal Conditions: The examiner should do a digital rectal examination and rule out haemorrhoids, internal piles, anal tags, fissures, sinus, fistula, prolapsed rectal mucosa or polyps.

(a) Fit

(i) After total surgery for polyps, haemorrhoids, fissure, fistula, ulcer or prolapsed sinus, provided there is no residual recurrent disease.

(ii) Anal Fissure, Haemorrhoids: After 12 weeks of surgery.

(iii) Pilonidal Sinus: After 12 weeks of surgery.

(b) Unfit

(i) Rectal prolapse area after surgical correction.

(ii) Active anal fissure/s internal Sin tags.

(iii) Haemorrhoids (external or internal).

(iv) Anal fistula.

(v) Anal or rectal polyps.

(vi) Anal stricture.

(vii) Fecal incontinence.

20. Ultrasonography of Abdomen

(a) Liver

Fit

(i) Normal echo-structure of the liver, CHD, BHD, portal and hepatic veins with liver span not exceeding 13 cm in the mid-clavicular line.

(ii) Solitary simple cyst (thin wall, anechoic area 2.5 cm diameter provided that the LFT is normal and hybrid serology is negative).

(iii) Hepatic calcifications to be considered fit if solitary and less than 1 cm with no evidence of active disease like tuberculous, sarcoidosis, hydatid disease or liver abscess based on relevant clinical examinations and appropriate investigations.

Cyst

- (i) Hepatocyst more than 1.5 cm in mid-clavicular line
- (ii) Any size
- (iii) Grade 1 fatty liver with abnormal LFT
- (iv) Grade 2 and 3 fatty Liver
- (v) Solitary cyst > 2.5 cm
- (vi) Solitary cyst of any size with thick walls, septations, papillary projections, calcifications and debris
- (vii) Multiple hepatic nodules less or cluster greater than 10 cm
- (viii) Multiple hepatic cysts of any size
- (ix) Any haemangioma irrespective of the size and location
- (x) Portal vein thrombosis
- (xi) Evidence of portal hypertension (portal vein > 1.3 cm, collateral, ascites)

31. Gall Bladder

- (a) (i) Normal echo-structure of the gall bladder
 - (ii) **Post-Operative Cholecystectomy** OR (Normal LFT, normal histopathology)
 - (iii) **Post-Operative Cholecystectomy**, 24 weeks, normal LFT and histopathology are within normal limits and in the absence of occasional bacteria as confirmed on IHC/AS-demon.
- (b) (i) Cholelithiasis or biliary sludge
 - (ii) Cholelithiasis
 - (iii) Polyp of any size and number
 - (iv) Cholelithelial cyst
 - (v) Gall bladder mass

- (iii) Gall bladder wall thickness > 0.5 cm
- (iv) Separate gall bladder.
- (v) Firmly contracted gall bladder on repeat USG.
- (vi) Incomplete Cholecystectomy.

(v) **Non-visualized Gall Bladder on USG** Will be considered unfit. They will be considered fit during appeal, if agnosia of gall bladder is confirmed on Magnetic Resonance Cholangio-Pancreatography (MRCP), in the absence of any other abnormality of the biliary tract.

32. Spleen

- (a) **Unfit**
 - (i) Spleen more than 13 cm in longitudinal axis (or if clinically palpable).
 - (ii) Any space occupying lesion in the spleen.
 - (iii) Asplenia.
 - (iv) Candidates who have undergone partial/total splenectomy are unfit irrespective of the cause of operation.

33. Esports

- (a) **Unfit**
 - (i) Spleen more than 13 cm in longitudinal axis (or if clinically palpable).
 - (ii) Any space occupying lesion in the spleen.
 - (iii) Asplenia.
 - (iv) Candidates who have undergone partial/total splenectomy are unfit irrespective of the cause of operation.

34. Enlarged Carotid

- (a) **Unfit**
 - (i) Aortic.
 - (ii) Solitary muscular or arteriovenous lymph node >1 cm (longitudinal LN <1 cm and normal in architecture may be considered fit).

- (iii) Two or more lymph nodes of any size
- (iv) Any mass in chest

35 Major Abdominal Vasculature (Aorta/IVC): Any structural abnormality, focal aneurysm, aneurysm and calcification will be considered as unfit.

36 Appendectomy:

(a) **Laparoscopic Appendectomy** will be assessed for post-operative fitness after a minimum period of **four weeks**. Candidate will be considered fit if-

- (i) Post-operative site scan has healed well.
- (ii) Scars are supple.
- (iii) Histopathological report of acute appendicitis is available.
- (iv) USG confirmation of absence of post-operative incisional hernia.

(b) **Open Appendectomy** with muscle split approach will be assessed for Post-op fitness after a minimum period of **12 weeks**. Candidate will be considered fit if-

- (i) Wound has healed well.
- (ii) Scar is supple and non-tender.
- (iii) Histopathological report of appendicitis is available.
- (iv) USG confirmation of absence of surgical site incisional hernia.

UROGENITAL SYSTEM

The fitness criteria to be followed are as follows:-

37. Undescended testis (UUD)/Orchidectomy:

(a) **Unfit:**

- (i) If the testes cannot be palpated (undescended or bilateral) even after examination of the candidate in supinating position.
- (ii) Bilateral orchidectomy due to any cause such as trauma, torsion or infection is unfit.

(b) **Fit:**

- (i) Operatively corrected UUD at least four weeks after surgery, provided after surgical correction, the testis is normal in location and the wound has healed well.

- (ii) Unilateral orbitocheekway for benign cause, provided other teeth is normal in size, position and location.

38. Anoplic Tumor

- (i) Uxft - Bilateral anoplic tumor.
- (ii) Ft - Unilateral anoplic tumor for benign cause, provided other teeth is normal in size, position and location.

39. Variante

- (i) Uxft - All grade of current variante.
- (ii) Ft - Post-operative cases of variante with no residual variante and no post-operative complications or recurrence anoply after 10 weeks of surgery.

40. Hydrocele

- (i) Uxft - Current hydrocele in any side.
- (ii) Ft - Operated cases of hydrocele may be made fit after 10 weeks of surgery, if there are no post-op complications and normal testis found.

41. Epididymal Cyst/ Mass, Spermatocoele

- (i) Uxft - Current presence of cyst/ mass.
- (ii) Ft - Post-operative cases, where normal testis found, there is no recurrence and only when benign on histopathology report.

42. Epididymitis, Orchitis

- (i) Uxft - Presence of current orchitis or epididymitis/ tuberculosis.
- (ii) Ft - After treatment, provided the condition has resolved completely.

43. Epispadias/ Hypospadias

- (i) Uxft - All are unfit, except glans variety of hypospadias and epispadias, which is acceptable.
- (ii) Ft - Post-operative cases at least 10 weeks after successful surgery, provided recovery is complete and there are no complications.

44. **Proteinuria.** Any applicant will make the candidate unfit.
45. **Phlebotomy:**
- Urinary** – Current phlebotomy, if light enough to interfere with local hygiene and coding and/or associated with Illnesses: Acute Chills.
 - IG** – Operated cases will be considered fit after 10 weeks of surgery, provided wound is fully healed and no post-op complications are seen.
46. **Mental Strain**
- Urinary** – Current disease, if small enough to interfere with coding.
 - IG** – Mental disease not interfering with coding and post-operative cases after a period of 10 weeks of surgery with adequately healed wound and no post-op complications.
47. Stricture Urethra, Urinary Fistula. Any history of / current cases or post-op cases are unfit.
48. Sex reassignment surgery/ Intersex condition. Unfit
49. Septicemia: All cases, irrespective of the type of surgery (Simple/ Radical) done/ partial RFA cryoablation are unfit.
50. Renal Transplant Recipients. Unfit
51. Urinary Cystitis Weeks (To be declared fit in the absence of any recurrent)
52. Cases of Bladder diverticulum will be declared as Unfit.
53. **Urine Examination**
- Proteinuria.** Proteinuria will be a cause for rejection, unless it proves to be orthostatic.
 - Glycosuria.** When glycosuria is detected, a blood sugar examination (fasting and after 75 g glucose) and glycosylated Hb is to be carried out, and fitness decided as per results. Renal glycosuria is not a cause for rejection.
 - Urinary Infections.** When the candidate has history or evidence of urinary infection it will entail full renal investigation. Persistent evidence of urinary infection will entail rejection.
 - Haematuria.** Candidates with history of haematuria will be subjected to full renal investigation.

54 Glomerulonephritis.

(a) Acute. In this condition there is a high rate of recovery in the acute phase, particularly in childhood. A candidate who has made a complete recovery and has no proteinuria may be assessed fit, after a minimum period of one year after full recovery.

(b) Chronic. Candidates with chronic glomerulonephritis will be rejected.

55 Renal Calculi. Irrespective of size, numbers, obstructive or non-obstructive, history of renal colic (history or radiological evidence) will render a candidate unfit.

56 Sexual Transmitted Diseases and Human Immuno Deficiency Virus (HIV). Seropositive HIV status and/or evidence of STD will entail rejection.

57 Ultrasonography of the Abdomen - Urogenital System

58 Kidneys, ureters and urinary bladder

(a) Unfit

(i) Congenital structural abnormalities of kidneys or urinary tract:

(ia) Unilateral renal agenesis.

(ib) Unilateral or bilateral hypoplasia/contracted kidney of size less than 25 cm.

(ic) Malrotation of kidney.

(id) Horseshoe kidney.

(ie) Pilonc kidney.

(if) Crossed fused ectopic kidney.

(ii) Simple single renal cyst of size less than 1.5 cm size in one kidney

(iii) Complex cyst/polycystic disease/multiple or bilateral cysts.

(iv) Renal/ureteric/vascular mass.

(v) Hydronephrosis or hydroneurophrosis.

(vi) Calculi - Renal/Ureteric/Vesical.

(vii) Calculosis.

- (1) Solitary, unilateral, simple cyst (1.5 cm) provided the cyst is peripherally located, oval/oval, with thin smooth wall and no loculations, with posterior enhancement, no debris, no septa and no solid component.

ENDOCRINE SYSTEM

59. Any history suggestive of endocrine disorder will be a cause for rejection.
60. Clinical examination. Any clinical evidence of endocrine disease will be soft.
61. All cases of thyroid swelling are soft. Fitness of such cases will be decided during appeal medical board after evaluation with appropriate investigations.
62. Candidates detected to have Diabetes Mellitus will be rejected. A candidate with a family history of Diabetes Mellitus will be subjected to blood sugar (Fasting and after two hours of 75 g of anhydrous / 82.5 g monohydrate glucose load) and HbA1c evaluation, which will be recorded.

DERMATOLOGICAL SYSTEM

63. Eczemat History and Examination Candidates who give history of actual exposure to a Commercial New Weapon (CNW) and have evidence of basoid (pothole sore) in the form of a scar must be declared permanently soft, even in absence of an acute SIB, as these candidates are likely 'repeaters' with similar indulgent professional behavior.
64. Acute-onset Dissect of the Skin. Acute non-exacerbations and non-communicable diseases, which ordinarily run a temporary course, need not be a cause of rejection. Diseases of a trivial nature, and those, which do not interfere with general health or cause incapacity, do not entail rejection.
65. Certain skin conditions are apt to become active and exacerbating under tropical conditions. An individual is unsuitable for service if he has a definite history or signs of chronic or recurrent skin disease. Some of such conditions are described below.
66. Palmsoplantar Hyperhidrosis. Some amount of Palmsoplantar Hyperhidrosis is physiological, considering the situation that occurs face during medical examination. However, candidates with significant Palmsoplantar Hyperhidrosis should be considered soft.
67. Acne vulgaris Mild (Grade I) acne consisting of few comedones or papules, localized only to the face may be acceptable. However, moderate to severe degree of acne (nodulocystic type with or without keloidal scarring) or involving the back should be considered soft.
68. Palmsoplantar Keratoderma Any degree of palmsoplantar keratoderma associated with hyperkeratosis and fissured skin over the palms, soles and heels should be considered soft.

69. **Infectious aetiology** of disease involving the upper and lower limbs, with evident dry, scaly, fissured skin should be considered unfit. Mild varicos (dry skin) could be considered fit.
70. Candidates having any tattoo should be considered unfit.
71. Clinically evident onychomycosis of finger and toe-nails should be declared unfit, especially if associated with nail dystrophy. Mild degree of distal discoloration involving single nail without any dystrophy may be acceptable.
72. Giant congenital melanocytic naevi, greater than 10 cm should be considered unfit, as there is a malignant potential in such large sized naevi.
73. Single corns/warts/Callosities will be considered fit, three months after successful treatment and no recurrence. However, candidates with multiple warts/corns/callosities on palms and soles or diffuse subplantar fissure warts, large callosities on pressure areas of palms and soles should be rejected.
74. Psoriasis is a chronic skin condition known to relapse and/or recur and hence should be considered unfit.
75. **Vitiligo**. Those having vitiligo must be made unfit. On appeal, segmental vitiligo under the covered parts may be accepted.
76. A history of chronic or recurrent episodes of skin infections will be cause for rejection. Cellulitis or abscesses from which there has been complete recovery may be considered fit.
77. Individuals who have chronic or frequently recurring episodes of a skin disease of a serious or incapacitating nature e.g. eczema are to be assessed as permanently unfit and rejected.
78. Any sign of Leprosy will be a cause for rejection. All peripheral nerves should be examined for any thickening of the nerves and any clinical evidence suggestive of leprosy is a ground for rejection.
79. Nansen depigmentation and Hecht's naevus may be considered fit. Unilateral naevus, vascular naevus, are to be made unfit.
80. Pityriasis Versicolor is to be made unfit. They can be made fit on appeal, if completely treated.
81. Any fungal infection of any part of the body will be unfit. They can be made fit on appeal, if completely treated.
82. Scabies Infestation may be considered fit on recovery.
83. Canities (premature graying of hair) may be considered fit if mild in nature and no systemic association is seen.
84. Alopecia may be considered fit on recovery.

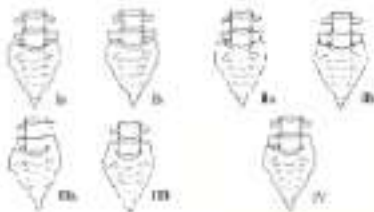
85. All A11H are unfit.
86. Scabies may be considered fit only on recovery.
87. A single arena single and small (<2 cm in diameter) lesion on scalp can be accepted. However if multiple, involving other areas or having scarring, the candidate should be rejected.
88. **Osteomyelitis** Candidates to be considered fit after 12 weeks of post-operative period if -
- There is a well healed surgical wound with no residual disease.
 - No Post Operative complication.
 - Surgical site should be sufficiently healed and stability to cause any problems during military training.
 - Normal general physical examination.
 - Endocrine working is normal.
89. **Tuberculosis** Candidates to be considered fit after 12 weeks of Post-Operative period if there is no Post Operative complication with a well healed surgical wound and no residual disease.

MUSCULOSKELETAL SYSTEM AND PHYSICAL CAPACITY

90. **Spinal Conditions:** Past medical history of disease or injury of the spine or sacroiliac joints, either with or without objective signs, which has prevented the candidate from successfully following a physically active life is a cause for rejection for commissioning. History of recurrent hernia/ spinal fracture, prolapsed intervertebral disc and surgical treatment for these conditions will entail rejection.
91. **Clinical Examination:** Normal thoracic kyphosis and cervical/lumbar lordosis are barely noticeable and not associated with pain or restriction of movement.
- If clinical examination reveals restriction of spine movements, deformities, weakness of the spine or any post abnormalities, it will be considered unfit.
 - Less kyphosis, affecting military bearing/ restricts full range of spinal movements and/or expansion of chest is unfit.
 - Scoliosis is unfit, if deformity persists on full flexion of the spine, when associated with restricted range of spine movements or when due to an underlying pathological cause. When scoliosis is noticeable or any pathological condition of the spine is suspected, radiographic examination of the appropriate part of the spine needs to be carried out.

- (d) **Spina Bili** The following markers should be looked for, on clinical examination and correlated with radiological evaluation:-
- Congenital defects involving the spine eg. hypotrichosis, skin dimpling, haemangioma, pigmented naevus or dermal sinus.
 - Presence of kyphosis over spine.
 - Polyploid spermifida.
 - Abnormal findings on neurological examination.

92. Cassel's Classification for Lumbosacral Transitional Vertebrae (LSTV)



Cassel's Classification for LSTV

- (a) **Type I** Enlarged and dysplastic transverse process (at least 10 mm in width in transverse dimension)
- Ia** Unilateral.
 - Ib** Bilateral.
- (b) **Type II** Pseudofusion of the transverse process and sacrum with incomplete lumbosacral ossification or rearrangement of the transverse process with partial articulation.
- IIa** Unilateral.
 - IIb** Bilateral.
- (c) **Type III** Transverse process fuses with the sacrum and there is complete lumbosacral or sacralisation (enlarged transverse process with complete fusion).
- IIIa** Unilateral.
 - IIIb** Bilateral.

(b) **Type II.** Type II on one side and type III on the contralateral side.

83. Spinal Conditions Exempt for Air Force Duty (Both Flying and Ground Duties)

(a) **Congenital Developmental Anomalies:**

- (i) Spina Verae.
- (ii) Hemivertebrae.
- (iii) Anomalous Cervical Defect.
- (iv) Cervical ribs (Unilateral/Bilateral) with demonstrable neurological or sensory deficit.
- (v) Spina Bifida. All types are unfit except in sacrum and L5 (if completely sacralized).
- (vi) Loss of Cervical Lordosis with neurological deficit.
- (vii) **Absence of Sacrospinous Ligaments.** Spondylitic arthritis upto 14 degree for Lumbar Spine and 15 degrees for Thoracic Spine will be acceptably provided--
 - (a) Individual is asymptomatic.
 - (b) No history of trauma to spine.
 - (c) No chest asymmetry/shoulder imbalance or pelvic obliquity in the lumbar spine.
 - (d) There is no neurological deficit.
 - (e) No congenital anomaly of the spine.
 - (f) There is absence of syndesmotic fusion.
 - (g) ECG is normal.
 - (h) No delivery errors on full flexion of the spine.
 - (i) No restriction of range of movement.
 - (j) No organic defect causing structural abnormality.
- (viii) Atlas-occipital and Atlas-axial anomalies.
- (ix) Intervertebral block vertebrae at any level.

(v) Complete block vertebrae at more than one level. Single level is acceptable. Annotation is to be made in AFMSR-2).

(vi) **Lumbosacral Transitional Vertebrae (LSTV)** Unilateral sacralization or lumbarization (complete or incomplete) and bilateral incomplete sacralization or lumbarization (LSTV - Cantello Type II a and b, III a and IV).

Bilateral Complete Sacralization of L5/S1 and Bilateral Complete Lumbarization of S1/L5, LSTV Cantello Type II b, Type I a and I b are acceptable (Annotation is to be made in AFMSR-2).

(vii) Spondylolysis/Spondylolyses.

(viii) Intervertebral Disc Protrusion.

(ix) Schmorl's Nodules at more than one level.

(b) **Traumatic Conditions**

(i) Spondylolysis/Spondylolysis

(ii) Compression fracture of vertebra

(iii) Intervertebral Disc Protrusion

(iv) Schmorl's Nodules at more than one level

(c) **Infective**

(i) Tuberculosis and other Granulomatous disease of spine (old or acute)

(ii) Infective Spondylitis

(d) **Autoimmune**

(i) Rheumatoid Arthritis and allied conditions

(ii) Ankylosing spondylitis

(iii) Other Rheumatological disorders of spine e.g. Psoriasis, SLE and Vasculitis

(e) **Degenerative**

(i) Spondylosis

(ii) Degenerative Joint Disorders

(iii) Degenerative Disc Disease

- (v) Osteoarthritis (degenerative)
- (vi) Schramm's Disease (Adolescent Kyphosis)
- (vii) Any other spinal abnormality, if so considered by the specialist.

CONDITIONS AFFECTING THE ASSESSMENT OF UPPER LIMBS

94. Amputations and Deformities of Upper Limbs. Deformities of the upper limbs or their parts will be cause for rejection. Candidates with an amputation of a limb or any part of limb including fingers will not be accepted for entry.

95. Fingers and Hands. Deformities and herniations in wrists/hands will be considered unfit.

(a) **Syndactyly:** Can be declared fit 12 weeks post-operative, if there is no bony abnormality on radiograph, wound is well healed, scar is supple and there is no evidence of neuroma on clinical examination.

(b) **Single Syndactyly:** Can be declared fit 12 weeks post-operative, if there is no bony abnormality on radiograph, wound is healed, scar is supple and neoplasia is satisfactory.

(c) **Complex syndactyly:** Unfit.

(d) **Hyperextensible finger joint:** All candidates shall be thoroughly examined for hyperextensible finger joints. Any extension of fingers, bending backwards beyond 90 degree shall be considered hyperextensible and considered unfit. Other joints like knee, elbow, spine and thumb shall also be examined carefully for features of hyperflexity/hyperextensibility. Although the individual may not show features of hyperflexity in other joints, isolated presentation of hyperextensibility of finger joints shall be considered unfit because of the serious ailments that may manifest later, if such candidates are expected to undergo physical training.

(e) **Mallet Finger:** Loss of extensor mechanism at the distal interphalangeal joint leads to Mallet Finger. Chronic radial deformity can lead to secondary changes in the proximal inter-phalangeal (PIP) and metacarpophalangeal (MCP) joint which can result in compromised hand function. Normal range of movement at distal inter-phalangeal (DIP) joints is 0-80 degree and PIP joint is 0-90 degree in both flexion and extension. In Mallet finger, the candidate is unable to extend straight flexed distal phalanx of fingers completely.

(i) Candidates with mild condition i.e. less than 10 degree of extension lag without any evidence of trauma, painless symptoms and any functional deficit must be declared fit.

(ii) Candidates with fixed deformity of fingers will be declared unfit.

- 95. Wrist.** *Flexion.* Freedom of movement of the wrist will be assessed according to the degree of arthritis. Loss of arthroflexion is more serious than loss of pollex flexion.
- 97. Elbow.** *Slight limitation of movement does not bar acceptance provided functional capacity is adequate.* Arkylosis will entail rejection. *Cubitus Valgus* is said to be present when the carrying angle (angle between arm and forearm in anatomical position) is exaggerated. In absence of functional disability and obvious cause like a fracture mal-union, flexion in the line, a carrying angle of up to 12° in male and 10° in female candidates would be made fit.
- 98. Hyperextension at elbow joint.** Individuals can have naturally hyperextended elbow. This condition is not a medical problem, but can be a cause of fracture or chronic pain especially considering the stress and strain military population is involved in. Also, the inability to return the elbow to within 10 degrees of the neutral position is impediment in the activities of daily living.
- Measurement reliability: Measured using a goniometer.
 - Recommendation: Normal elbow extension is 0 degrees. Up to 10 degrees of hyperextension is within normal limits if the patient has no history of trauma to the joint. *Anyone with hyperextension more than 10 degrees should be unfit.*
- 99. Cubitus Varus of > 5 degree will be unfit.**
- 100. Cubitus Recurvatum.** Cubitus recurvatum > 10 degree is unfit.
- 101. Shoulder Girdle.** History of recurrent dislocation of shoulder with or without cosmetic deformity will be unfit.
- 102. Clavicle.** Non-union of an old fracture clavicle will entail rejection. Mid-union clavicle fracture without loss of function and without obvious deformity are acceptable.

CONDITIONS AFFECTING THE ASSESSMENT OF LOWER LIMBS

- 103. Hallux valgus** with angle > 20 degree and first second metatarsal angle of > 10 degree is unfit. Hallux valgus of any degree with bunion, corns or callusation is unfit.
- 104. Hallux rigidus** is unfit for service.
- 105. Isolated single flexible mild hammer toe** without symptoms may be accepted. Fixed (rigid) deformity or hammer toe associated with corns, callusities, walled toes or hyperextension at meta-tarsal-phalangeal joint (claw toe deformity) are to be rejected.
- 106. Loss of any digits** will entail rejection.
- 107. Extra digits** will entail rejection if there is bony continuity with adjacent digits. Cases of syndactyly will be rejected.

108. **Flat Feet (Flat feet)**

(a) If the arches of the feet collapse on standing or on, if the candidate can skip and run well on the toes and if the feet are supple, flexible and painless, the candidate is acceptable.

(b) Rigid or fixed flat feet, gross flat feet, with plantaralgia, erosion of heel, cannot balance himself on toes, cannot skip on the forefoot, under painful nasal joints, permanent bend of shins will be considered unfit. Restriction of the movements of the feet will also be a cause for rejection. Rigidity of the feet, whatever may be the shape of the feet, is a cause for rejection.

109. Pes Cavus and Talipes (Club Feet). Mild degree of idiopathic pes cavus without any functional limitation is acceptable. Moderate and severe pes cavus and pes cavus due to organic disease will entail rejection. All cases of Talipes (Club Feet) will be rejected.

110. Ankle Joint. Any significant limitation of movement following previous injury will not be accepted. Functional evaluation with strapping should be carried out whenever necessary.

111. Knee Joint. Any ligamentous laxity is not accepted. Candidates who have undergone ACL reconstruction surgery are to be considered unfit.

112. Genu valgum (knock knee) with intercondylar distance > 3 cm in males and > 4 cm in females will be unfit.

113. Genu varum (bow legs) with intercondylar distance > 7 cm will be considered unfit.

114. Genu Recurvatum. If the hyperextension of the knee is arthral, 10 degrees and is unaccompanied by any other deformity, the candidate should be accepted as fit.

115. Free lesions of the hip joint or early signs of arthritis will entail rejection.

Healed Fractures

116. Intra-Articular Fractures: All intra-articular fractures especially of major joints (shoulder, elbow, wrist, hip, knee and ankle) with or without surgery, with or without implant shall be considered unfit.

117. Extra-Articular Fractures

(a) All extra-articular fractures with post-operative implant *in-situ* shall be considered unfit and will be considered for fitness after minimum of 12 weeks of implant removal.

(b) Nine months will be the minimum duration for considering evaluation following extra-articular repairs of all long bones (both upper and lower limbs) post injury which have been managed conservatively. Individual will be considered fit if there is:-

- (i) No evidence of mal-alignment/rotation
- (ii) No neuro-vascular defect.

- (ii) No soft meningism.
- (iv) No functional deficit.
- (v) No evidence of meningococcal invasion.

118. Peripheral Vascular System

119. Varicose Veins. All cases with active varicose veins will be declared unfit. Past or cured cases of varicose veins are unfit.

120. Arterial System. Current or history of abnormalities of the arteries and blood vessels e.g. aneurysm, aneurism and peripheral arterial disease will be considered unfit.

121. Lymphadenitis. History of past current disease makes the candidate unfit.

CENTRAL NERVOUS SYSTEM

122. History of Mental Illness. A candidate giving a history of mental illness, psychological afflictions will be rejected.

123. Family History of Psychological Disorders. When a history of nervous breakdown, mental disease, or attacks of a near relative is obtained, a careful investigation of the personal past history from a psychological point of view is to be obtained. Any evidence of acute or chronic psychological instability in the personal history at present conditions must entail rejection.

124. Family History of Epilepsy. If a history of epilepsy is obtained in a near relative, then the candidate must be made unfit and subjected to a detailed evaluation with appropriate investigations at the time of appeal.

125. Severe or 'Throbbing' Headache and Migraine. A candidate with migraine, which was severe enough to make further service a doctor, will be a cause for rejection. From a single attack of migraine with visual disturbances or Migraine epilepsy it is to be made unfit.

126. Fits and Convulsions. History of epilepsy in a candidate is a cause for rejection. Seizures may transpire as 'fits' and therefore the frequency and the conditions under which 'fits' took place must be ascertained. Such attacks will be made unfit, whatever their apparent nature. An isolated fitting attack calls for enquiry into all the etiological factors to distinguish between syncope and seizures. Complex partial seizures, are criteria for making the candidate unfit.

127. Heat stroke. History of repeated attacks of heat stroke, hyperpyrexia or heat exhaustion bars employment for Air Force duties, as it is an evidence of a faulty heat regulating mechanism. A single severe attack of heat effects provided the history of exposure was severe, and no permanent supine fever accident is, by itself, not a reason for rejecting the candidate.

129. Head Injury or Contusion: A history of severe head injury fracture of the skull history of intracranial damage or any residual bony defect in the calvaria is a cause for rejection. Presence of burr holes will be cause for rejection.

130. Proctitis: All candidates who are suffering from proctitis are to be rejected. Drug dependence in any form will also be a cause for rejection.

131. Psychomotoric: Mentally unstable and eccentric individuals are unfit for commissioning. Nervous and adult delinquency, history of nervous breakdown or chronic ill-health are causes for rejection.

132. Organic Nervous Conditions: Any evident neurological defect will call for rejection.

133. Tremor: Persistent tremors even after treatment for the candidate will be unfit. On appeal only pathological tremors will render the candidate unfit.

134. Stammering: Candidates with stammering will be declared unfit. Stammering will be made unfit, even if it is first detected during the time of appeal medical board.

135. Any history of mental disorder in the family or in the candidate himself/herself or signs of intellectual, emotional or conduct disorders or symptoms of psychosomatic disorders should be made unfit and subjected to detailed evaluation and appropriate investigations if the time of appeal by the psychiatrist.

136. Hyperuric Proximal Insomnia will be considered fit in the absence of any other metabolic abnormality.

EAR, NOSE AND THROAT

137. Nose and Para-nasal Sinuses:

(a) External Deficiency of Nose or Deviated Nasal Septum:

(i) Unfit - Gross external deficiency of nose causing cosmetic deficiency or obstruction to free breathing as a result of a marked septal deviation.

(ii) On appeal - Post corrective surgery with residual mild deviation with adequate airway patency will be acceptable after four weeks post surgery.

(b) Septal Perforation - Unfit

(i) On appeal - Any anterior septal perforation posterior septal perforation > 10 cm in the greatest dimension is a ground for rejection. A septal perforation which is associated with nasal deformity, nasal crusting, epistaxis and granulation irrespective of the size is a ground for rejection.

(c) Atrophic Rhinitis - Unfit

- (b) Any history/clinical evidence suggestive of allergic rhinitis/vasomotor rhinitis are to be declared unfit.
- (c) Any infection of the paranasal sinuses is to be declared unfit. Such cases may be accepted following successful treatment at the Appeal Medical Board.
- (d) **Nasal polyps** (unilateral or recurrent)

137 Oral Cavity

- (a) **Ulcer**
 - (i) Current/operated cases of leukoplakia, erythroplakia, carcinoma, fibrosis, actinic cheilitis and oral carcinoma.
 - (ii) Current oral ulcers/ growths and mucous retention cysts.
 - (iii) Trauma due to any cause.
 - (iv) Cleft palate, even after surgical correction.
- (b) **Tu**
 - (i) Completely healed oral ulcers after four weeks post-surgery with proven benign histopathology.
 - (ii) Operated cases of mucous retention cyst with no recurrence and proven benign histology. Evaluation in these cases should be done after minimum 04 weeks post-surgery.
 - (iii) Bilaminar cleft of palate with or without hard palate not causing restriction (like dysfunction may be accepted by PMU specialist, provided PIA, respiratory and speech are normal).

138 Pharynx and Larynx: The following conditions are unfit:

- (a) Any obstructive/ mass lesion of the pharynx.
- (b) Candidates in whom tonsillectomy is indicated. Such candidates may be accepted minimum 02 weeks after successful surgery provided there are no complications and histology is benign.
- (c) Cleft palate.
- (d) Any disabling condition of the pharynx or larynx causing persistent hoarseness or dysphasia.
- (e) Chronic laryngitis, vocal cord palsy, laryngeal polyps and growths.

139. Eustachian tube Dysfunction. Obstruction or insufficiency of eustachian tube function will be a cause for rejection. Astatic chamber or clearance test will be carried out before acceptance in re-service candidates.

140. Tympanometry. (Contd.)

141. Susceptibility to middle ear disease: Specific enquiry should be made for any susceptibility to middle ear disease. An endorsement to this effect should be made in AFMSF-2. Such cases will be fully evaluated and, if found susceptible to middle ear disease, they will be rejected for flying duties. Any evidence of peripheral vestibular dysfunction due to any cause will entail rejection.

142. Hearing test. The following are not acceptable:

- (a) Hearing acuity below 60 dB in CV or FW.
- (b) The audiometric loss greater than 20 db. in frequencies between 250 and 8000 Hz in PTA.

143. External Ear. The following defects of external ear should be declared unfit:

- (a) Cases deferring of pinna which may hamper wearing of suitable personal ear protective equipment, or which adversely impacts military hearing.
- (b) Cases of chronic otitis externa.
- (c) Any condition (ear wax, atresia/narrowing of external auditory meatus or atresia, exaggerated tortuosity of the canal, bony growth of external auditory canal) preventing a proper visualization of the tympanic membrane.
- (d) Granulation or polyp in external auditory canal.

144. Middle Ear. The following conditions of middle ear will entail rejection:-

- (a) **Otitis Media:** Current (thin) fluids of any type will entail rejection. If evidence of healed chronic otitis media (in the form of tympanosclerosis/scarred tympanic membrane affecting only part (area) part of tympanic membrane) and all operated cases of tympanoplasty/Myringotomy will be assessed by ENT specialist. They will be acceptable if Pure Tone Audiometry (PTA) and Tympanometry are normal. On appeal, a test of decompression chamber may be carried out, if indicated, for airtight, STUPC, submersible divers.
- (b) Any type of TM perforation or healed perforation/retraction in part (area) of the tympanic membrane is unfit.
- (c) Marked retraction or restriction in TM mobility on pneumatic otoscopy.
- (d) Tympanometry showing patterns other than Type 'A' tympanogram.

- (e) Any implanted hearing devices eg cochlear implants, bone-anchored hearing aids etc.
- (f) Other middle ear surgery viz. stapedectomy, ossiculoplasty, any type of mastoidectomy.

145. Miscellaneous Ear Conditions. The following ear conditions will usually require:-

- (a) Otosclerosis.
- (b) Ménière's Disease.
- (c) Vestibular dysfunction including nystagmus of vestibular origin.
- (d) Bell's palsy following ear infection.

Ophthalmic System:

146. Clinical Examination findings:

- (a) Candidates, who are wearing spectacles or found to have defective vision, should be properly assessed. All cases of squint are unfit.
- (b) **Fit:**
 - (i) Candidates, who meet the following criteria are **Fit**
 - (aa) Mild ptosis.
 - (ab) Clear visual axis.
 - (ac) Normal visual field.
 - (ad) No sign of distant degeneration (ie: Homer's Syndrome).
 - (ii) Best of vision - **Unfit**
 - (aa) On appeal - Candidates, who have undergone surgical correction may be considered fit provided one year has elapsed post-surgery with no recurrence, the strabismic/amblyopic criteria are met and upper eyelid is not more than 0.2 mm below the superior lidline.
- (c) **Ectropion** - **Unfit**.
- (d) **Strabismus** - If size difference between the pupils is >0.5 mm, candidate will be considered unfit.
- (e) **Heterochromia iridis** - **Unfit**.
- (f) **Epithelial scars** - Can be considered fit, if size difference between pupils is <0.5 mm, pupillary reflexes are brisk with no observed pathology in cornea, lens or retina.

(b) **Endophthalmitis** - (1)(f)

(i) **Elephantitis:** Candidates with Elephantitis, particularly with loss of eyelashes, must be rejected.

(ii) **Entropion/Entropion:** These cases are to be made soft. On appeal, mild entropion and entropion which in the opinion of ophthalmologist will not hamper day to day functioning in any way, may be made fit.

(iii) **Pterygium:** All cases of pterygium are to be made soft. On appeal, regressive non-obscured pterygium occupying ≤ 1.5 mm of the peripheral cornea may be made fit by Eye Specialist after measurement on a slit lamp.

(iv) **Strabismus:** All cases of strabismus are to be made soft except for physiological strabismus.

(v) **Naso-lacrimal duct occlusion** producing epiphora or a mucocoele needs rejection.

(vi) **Active Uveitis** (iris, cyclitic and chorioiditis) will be grounds for rejection. Candidates giving a history of this condition should be made soft.

(c) **Cornea**

(i) **Soft**

(ii) **Corneal scarification**

(iii) Any candidate with progressive corneal disorders viz, Corneal dystrophies, Keratoconus, Keratoglobus, any corneal degenerations.

(iv) Any active corneal disorder.

(v) On appeal corneal scars are acceptable if it does not interfere with vision.

(d) **Lenticular opacities** - (1)(f)

On appeal

(i) **Soft:** Any lenticular opacity that is causing visual deterioration or is in the visual axis or central area of 14 mm around the pupilla is soft. The progressivity of the opacities not its increase in size or number should also be considered.

(ii) **Fit:** Small stationary lenticular opacities in the periphery like cortical (the dot pattern, not affecting the visual axis/visual field) should be less than 10 in number and central area of 14 mm should be clear.

(e) **Optic Nerve Disease** - (1)(f)

(i) **High Cop. Disc rate** - (1)(f), if any of the following conditions occur:

- (i) Inter-eye asymmetry in cup/disc ratio > 0.2 .
 - (ii) Retinal Nerve fibre Layer (RNFL) defect seen by RNF analysis on Optical Coherence Tomography (OCT).
 - (iii) Visual field defect detected by Visual Field Analysis.
- (d) Myopia with visual symptoms are not a strictly ocular problem and should be assessed in accordance with para 124.
- (e) As tests for night blindness are not routinely performed, a certificate to the effect that the individual does not suffer from night blindness will be obtained in every case. Certificate should be as per **Appendix C** to this chapter. A proven case of night blindness is unfit.
- (f) Distortion of axis/meridian of the eyeball in any direction and axial depression/protrusion of the eyeball are unfit.
- (g) **Serial lacer:** A small healed oblique-cranial scar in the corneal periphery not affecting the vision and not associated with any other complications will be considered fit. Similarly, a small lacer in periphery with no other complications will be made fit. **Any lacer in the central fundus will be made unfit.**

(v) **Lattice degeneration**

- (i) The following lattice degeneration will render a candidate unfit:
 - (a) Single circumferential lacer extending over than two clock hours in either or both eyes.
 - (b) Two circumferential lacer, each more than one clock hour in extent in either or both eyes.
 - (c) Radial lacer.
 - (d) Any lacer with avascular hole/flag tears (Unilateral).
 - (e) Lattice degeneration posterior to equator.
- (ii) Candidates with lattice degeneration will be considered fit under the following conditions:
 - (a) Single circumferential lacer without holes of less than two clock hours in either or both eyes.
 - (b) Two circumferential lacer without holes, each being less than one clock hour in extent in either or both eyes.

- (a) Post-laser deblatation, single circumferential lattice without holes flap tear, less than two clock hours extent in either or both eyes.
- (b) Post-laser deblatation, two circumferential lattices, without holes flap tear, each being less than one clock hour extent in either or both eyes.

(c) **Keratoconus:** Keratoconus is soft.

147. Visual Acuity/Colour Vision. The visual acuity and colour vision requirements are detailed in Appendix 'D' to this notification. Those who do not meet these requirements are to be rejected.

148. Myopia

- (a) Caffe. If exceeds the prescribed visual limits.
- (b) Caffe even if the corrected visual acuity is within the acceptable limits when-
 - (i) There is a strong family history of high myopia, and that the visual deficit is recent onset.
 - (ii) If physical growth is still ongoing.
 - (iii) If the fundus appearance is suggestive of progressive myopia.

149. Refractive Surgery. The disposal of candidates who have undergone Keratorefractive Surgery (PRK, LASIK, Femto LASIK, SMILE or equivalent procedures) for commissioning in the Air Force in all branches is as follows :-

- (a) **IN**
 - (i) Candidates for IAF meeting the visual requirements for the branch as laid down in Appendix D to para 146. Residual refraction after such procedures should not be more than ± 1.0 D Sph or Cyl for branches where acceptable refractive errors are permitted.
 - (ii) Keratorefractive Surgery must not have been carried out before the age of 20 years.
 - (iii) At least 12 months must have elapsed post unoperated stable Keratorefractive Surgery with no history or evidence of any complication.
 - (iv) The axial length of the eye must not be more than 26 mm as measured by IOL master.
 - (v) The post Keratorefractive Surgery corneal thickness as measured by a corneal Pachymeter must not be less than 450 microns.

(b) **Uxif**

- (i) Radial Keratotomy (RK) surgery for correction of refractive errors
- (ii) Individuals with high refractive errors (> 6.0 D) prior to Keratorefractive Surgery.

150. Cataract Surgeries: Candidates having undergone cataract surgery with or without IOL implants will be declared unfit.

151. Other Eye Surgeries: Candidates having undergone any invasive surgeries viz, replaceable Collamer Lens (RCL), Endotheliumsparing Glaucoma surgeries with or without implants, Corneal Collagen Crosslinking with Riboflavin (CXL), DMACK, any form ocular synechia, retinal surgeries etc. will be declared unfit.

OCULAR MUSCLE BALANCE

152. Individuals with manifest squint are not acceptable for commissioning.

153. The assessment of latent squint or heterophoria in the case of aviators will be mainly based on the assessment of the fusional capacity. A strong fusional reserve insures the maintenance of binocular vision in the face of stress and fatigue. Hence, it is the main criterion for acceptability.

(a) **Convergence (as assessed on RAF rule)**

(i) **Objective Convergence**

- (a) 14 to 19 cm - Fit.
- (b) More than 19 cm - Unfit.

(ii) **Subjective Convergence (SC)** This indicates the end point of binocular vision under the stress of convergence. If the subjective convergence is more than 10 cm beyond the limit of objective convergence, the fusional capacity is poor. This is specially so when the objective convergence is 10 cm and above.

(b) **Accommodation:** In the case of aviators, accommodation should be assessed with corrective glasses in position. The acceptable values for accommodation in various age groups are given in Table 1.

Table 1 - Accommodation Value - Age wise

Age in Yrs	17-20	21-25	26-30	31-35	36-40	41-45
Accommodation (in cm)	10.11	11.12	12.5-13.5	14.16	16.18.3	18.5.21

154. Ocular muscle balance is dynamic and varies with concentration, anxiety, fatigue, hypoxia, drugs and alcohol. The above tests should be considered together for the final assessment. Standards for assessment of Ocular Muscle Balance are detailed in Appendix 3 in this chapter.

155. Any clinical findings in the media (cornea, lens, vitreous) or fundus, which is of pathological nature and likely to progress will be a cause for rejection. This examination will be done by slit lamp and ophthalmoscopy under mydriasis.

Appendix C
(Refer to page 7 for
Opticalometry standards)

CERTIFICATE REGARDING NIGHT BLINDNESS

Name with initials _____
Branch No. _____ Class No. _____

I hereby certify that to the best of my knowledge, there has not been any case of night blindness in our family, and I do not suffer from it.

Date: _____ (Signature of the candidate)

Courtesy paid by

(Name of Medical Officer)

VISUAL STANDARDS FOR MALE/FEMALE CANDIDATES AT INITIAL ENTRY

Sl No.	Med Cat	Branch	Maximum Limits of Refractive Error	Visual Acuity (VA) with limits of maximum correction	Colour Vision
1	ARH	FOP (including W.S.S., Flyby Branch) Candidates at MDA and AFA	Hypermetropic: + 1.5D Sph Myopic: -2.0D Astigmatism: -0.75D Cyl (with +1.5 D Min) Biconoscopic myopia: -M	6/6 in one eye and 6/9 in other, correctable to 6/6 only for Hypermetropia	CP-I
2	ARH	IO-25DA Entry to General duty branches of IAF (AHL), AFA, Lpo	Hypermetropic: + 2.5D Sph Myopia: -2.0D Sph Astigmatism: -1.20D Cyl	Uncorrected VA 6/36 & 6/36 Best Corrected VA 6/6 & 6/6	CP-II

Note 1: Ocular muscle balance for para-visual control in Sl. Nos. 1 and 2 should conform to Appendix A in this Chapter.

Note 2: Visual standards of Air Wing Candidates at MDA and IO Cells of F (P) at MDA should conform to AIRIO FOP standard (Sl. No. 1 of Appendix D).

Note 3: The Sph correction factors mentioned above will be exclusive of the specified astigmatic correction factor. A minimum correction factor upto the specified visual acuity standard can be accepted.

STANDARD OF OCULAR MUSCLE BALANCE FOR FLYING DUTIES

Sec. No.	Test	Fit
1	Maddox Rod Test at 60 cm	Exo - 06 Prism D Iso - 06 Prism D Hyper - 01 prism D Hypo - 01 prism D
2	Maddox Rod Test at 33 cm	Exo - 05 Prism D Iso - 06 Prism D Hyper - 01 Prism D Hypo - 01 Prism D
3	YNO Test or 18 Lines Fly Test	All of III V grades
4	Convergence	Up to 10 cm
5	Cover Test for Distance and Near	Latent divergence-convergence necessary rapid and complete

Haematologic Screen

156. All cases of anemia (<11 g/dL in males and <11.5 g/dL in females) will be declared unfit during SMI.
157. All candidates with evidence of hereditary haemolytic anaemias (due to red cell membrane defect or due to red cell enzyme deficiency) and haemoglobinopathy (Sickle cell disease, Hemo Thalassemia, Spher, Intermidic, Minor, Trait and Alpha Thalassemia etc) are to be considered unfit for service.
158. Candidates with history of haemophilic or von Willebrand's disease are to be declared unfit. Candidates with clinical evidence of purpura or evidence of thrombocytopenia are to be considered unfit. Cases of Purpura Simplex (simple easy bruising), a benign disorder seen in otherwise healthy males, may be accepted.
159. **Monocytosis:** Absolute monocyte counts greater than 1000/cmm or more than or equal to 10% of total WBC is to be deemed unfit.
160. **Eosinophilia:** Absolute eosinophil counts greater than or equal to 500/cmm is deemed unfit.
161. Haemoglobin (more than 35.2 g/dL in males and more than 34 g/dL in females) will be considered as Polycythemia and deemed Unfit.

Dental Fitness Standard:

162. Dental Standard:

- (a) Candidate must have a total minimum of 14 dental points and the following teeth must be present in the upper jaw in good functional apposition with the corresponding teeth in the lower jaw.
- Any four of the six anterior.
 - Any six of the six posterior.
- (b) The above dental standards are to be followed and candidates who do not conform to the said dental standards will be rejected.

163. Extra Oral Examination:

- (a) **Oral Facial Examination:** Presence of any gross asymmetry or soft/hard tissue defects/scars or if any important pathological condition of the jaw is suspected, it will be a cause of rejection.
- (b) **Functional Examination**
- Temporo-Mandibular Joint (TMJ):** TMJ will be bilaterally palpated for tenderness and/or clicking. Candidates with symptomatic clicking and/or tenderness or dislocation of the TMJ on wide opening will be rejected.

- (c) **Black Opening** A tooth opening of less than 33 mm measured at the buccal edge will be reason for rejection.

154. **Guidelines for Awarding Dental Points in Special Situations:**

(a) **Dental caries** Teeth with caries that have not been removed or teeth associated with broken down crowns, pulp exposure, residual root stumps, teeth with abscesses and/or sinuses will not be awarded dental points.

(b) **Restorations** Teeth having restorations that appear to be improperly fabricated will not be awarded dental points. Teeth restored by use of appropriate materials, temporary or finished restorations with doubtful marginal integrity or post-apical pathology will not be awarded dental points.

(c) **Loose Teeth** Loose/retains teeth with clinically demonstrable mobility will not be awarded dental points. Periodontally splined teeth will not be counted for award of dental points.

(d) **Retained Deciduous Teeth** Retained deciduous teeth will not be awarded dental points.

(e) **Morphological Defects** Teeth with structural defects which compromise efficient mastication will not be awarded dental points.

(f) **Periodontium**

(1) The condition of the gums, of the teeth included for counting dental points, should be healthy apart in colour, firm in consistency and firmly resting against the necks of the teeth. Visible calculus should not be present.

(2) Individual teeth with localized periodontitis (swollen, red or inflamed gums) or those with visible calculus will not be awarded dental points.

(3) Candidates with severe periodontal disease (generalized calculus, extensive swelling and red gums, with or without exudates), shall be rejected. If periodontal disease is not severe and the teeth are otherwise sound, the candidate may be accepted if in the opinion of the Dental Officer, health can be maintained by simple periodontal therapy including extraction.

(g) **Malocclusion** Candidates with malocclusion affecting masticatory efficiency and prognosis shall not be selected. Teeth in open bite will not be awarded dental points as they are not considered to be in functional apposition. Candidates having an open bite, severe crooked or any visible malocclusion will be rejected. However, if in the opinion of the Dental Officer, the malocclusion of teeth is not hampering efficient mastication, prognosis, maintenance of oral hygiene or general nutrition or performance of duties efficiently, then candidates will be declared fit. The following criteria have to be considered in assessing malocclusion:-

- (i) **Edge to Edge Bite** Edge to edge bite will be considered as functional opposition.
- (ii) **Anterior Open Bite** Anterior open bite is to be taken as lack of functional opposition of incisor teeth.
- (iii) **Cross Bite** Teeth in cross bite may still be in functional occlusion and may be awarded points, if so.
- (iv) **Traumatic Bite** Anterior teeth involved in a deep engaging bite which is causing traumatic indentations on the palate will not be counted for award of points.

(b) **Hard and Soft tissue.** Soft tissues of cheek, lips, palate, tongue and orolabial region and maxillo-mandibular bony apparatus must be examined for any swelling, discolouration, ulcers, scars, white patches, cell reactions, fibrosis etc. All potentially malignant lesions will be cause for rejection. Clinical diagnosis for sub-mucous fibrosis with or without restriction of mouth opening will be a cause of rejection. Bony lesion (s) will be assessed for their pathological/physiological nature and commented upon accordingly. Any hard or soft tissue lesion will be a cause of rejection.

(c) **Orthodontic Appliances** Fixed orthodontics-lingual retainers will not be considered as periodontal splints and teeth included in these retainers will be awarded points for dental fitness. Candidates wearing fixed or removable orthodontic appliances will be declared unfit.

(d) **Dental Implants.** Implants and Implant Supported Prosthesis will not be awarded any dental points. In the case of an over-crown applying for re-attachment, dental points will be awarded for removal dental prosthesis.

(e) **Fixed Partial Dentures (FPD) Implant supported FPDs.** FPDs will be assessed clinically and radiologically for fitness. Functional opposition to opposing teeth and periodontal health of the abutments. If all parameters are found satisfactory, dental points will be awarded for the natural tooth (abutments).

Note - Any prosthesis, removable/ fixed or implant borne, the natural teeth/teeth in that component will be awarded dental points.

16. The Following will be Criteria for Declaring a Candidate Unfit-

(a) **Oral Hygiene** Poor oral health status in the form of gross visible calculus, periodontal pockets and/or bleeding from gums will render candidate unfit.

(b) **Candidates Reporting Post-Maxillo-Facial Surgery/Maxillofacial Trauma** Candidates who undergo cosmetic or post-traumatic maxillofacial surgery/trauma will be (IMTI) for at least 24 months from the date of surgery/trauma whichever is later. After this period, if there is no residual deformity or functional deficit, they will be assessed as per the laid down criteria.

- (c) Candidate with dental arches affected by advanced stage of generalized severe lesions of periodontitis, acute ulcerative gingivitis, and gross abnormality of the teeth or jaws or with numerous caries or suppurative teeth will be rejected.

Assessment of Urinary Conditions

156. History: Detailed menstrual and obstetric history, in addition to general medical history, must be taken and recorded. If a history of menstrual, obstetric or pelvic abnormality is given, an opinion of gynaecologist is to be obtained.

157. General Medical and Surgical Standards

- (a) Any lump in the breast will be a cause for rejection. Cases of fibroadenoma breast after successful surgical removal may be considered fit with the opinion of a surgical specialist and a normal histopathological report.
- (b) Galactorrhoea will be cause for rejection. Females after investigation, treatment may be considered based on merits of the case and opinion of the concerned specialist during AMB.
- (c) Anemia, Polymenorrhea and Polyhormia (Accessory supply) will be considered unfit during SMH. Operated cases of Polymenorrhea/Polyhormia will be considered fit after 12 weeks of post-operative period after excision, if there is a well healed surgical wound and no post-operative complications.

158. Gynecological Examination: Any abnormality of external genitalia will be considered on merits of each case.

- (a) Following conditions are acceptable:-
- (i) Congenital elongation of cervix which comes up to uterine.
 - (ii) Anatomical type of congenital uterine anomaly.
- (b) Following conditions will result rejection:-
- (i) Amenorrhoea will be grounds for rejection. Such candidates will be investigated, and fitness will be considered on merits after examination and investigations during AMB.
 - (ii) Severe menorrhagia or endometriosis/dysmenorrhoea.
 - (iii) Stress urinary incontinence.
 - (iv) Congenital elongation of cervix or complete prolapse which comes outside the introitus even after corrective surgery. (Complete prolapse of uterus will be a cause for rejection. Minor degree, after surgical correction, may be considered for fitness on merits.)

- (ii) Acute or chronic pelvic infection, Endometriosis and Adenomyosis.
 - (iii) Disorders of sexual differentiation.
 - (iv) Significant hirsutism especially with male pattern of hair growth.
- (c) Any other gynaecological condition not covered above will be considered on merits of each case by Gynaecologist.

Eligibility:

169. Current pregnancy would be a cause for rejection. The minimum period after which the candidate will be assessed for appeal post pregnancy would be as follows:-

- (a) **Vaginal delivery:** 24 weeks after an uncomplicated vaginal delivery.
- (b) **MIF/Abortion:** Minimum four weeks and up to 12 weeks.
- (c) **Caesarean section:** 12 weeks after uncomplicated caesarean section delivery.

170. The individual would then be examined by the Gynaecologist and assessed regarding her fitness. In cases wherein more than six months have elapsed after the initial medical examination, the candidate would be subjected to repeat complete medical examination as per the existing regulations.

171. Ultrasonography of Lower Abdomen and Pelvis for Women Candidates: This would be done as per existing orders. :-

- (a) **En**
 - (i) Single small fibroid uterus (01 cm or less in diameter) without symptoms.
 - (ii) Unilocular clear ovarian cyst less than 60 cm in diameter.
 - (iii) Congenital elongation of cervix (which comes up to isthmus).
 - (iv) Accurate uterine type of congenital uterine anomaly.
 - (v) Minimal fluid in Pouch of Douglas.
- (b) **Uterine**
 - (i) Candidates with fluid in Pouch of Douglas with uterine nodules.
 - (ii) **Uterine:** Absence of uterus or any congenital structural abnormality, except Accurate uterine.
 - (iii) **Fibroids,**

- (iii) Multiple fibroids more than two in number, with largest size > 15 cm in size.
- (iv) Single fibroid larger than 10 cm in size.
- (v) Any fibroid causing distortion of endometrial cavity.

(iv) Adenomyosis.

(v) **Adnexa**

- (i) Simple ovarian cyst 08-10cm or more in size.
- (ii) Complex ovarian cyst of any size.
- (iii) Endometriosis.
- (iv) Hydrosalpinx.

(c) During Appeal Medical Board/Review Medical Board, unfit candidates will be subjected to specific investigations and detailed clinical examinations. Fitness for specific conditions will be decided as given below:-

- (i) Fluid in PFD with internal reflux will be assessed with TLC, HLC and C-Reactive Protein. Senior Advisor (OB) and Gynaec to opine on fitness.
- (ii) Endometrial thickness > 15 mm or residual neoplastic studies in endometrial cavity. Senior Advisor (OB) and Gynaec to opine on fitness.

17. Medical Fitness after Laparoscopic Surgery or Laparotomy: Candidates reporting after undergoing cystectomy or hysterectomy will be accepted as fit, if the candidate is asymptomatic, ultrasound pelvis is normal, histopathology report of removed tissue shows benign pathology and per operative findings are not suggestive of adenomyosis. Fitness to be considered after laparoscopic surgery once the wound has healed fully. Candidate will be considered FIT after cesarean section and laparotomy after one year of the surgical procedure.

APPENDIX V

(BRIEF PARTICULARS OF THE SERVICE ETC.)

1. Before a candidate joins the Academy, the parent or guardian will be required to sign ---
 - (a) A certificate to the effect that he fully understands that neither he himself nor his son or ward shall not be entitled to claim any compensation or other relief from the Government in respect of any injury which his son or ward may sustain in the course of or as a result of the training or where bodily infirmity or death results in the course of or as a result of a surgical operation performed upon or anaesthesia administered to his/her for the treatment of any injury received as aforesaid or otherwise.

(b) A bond to the effect that if, on account of his dismissal or discharge or withdrawal from National Defence Academy for knowingly furnishing false particulars or suppressing material information in his application for admission to the said National Defence Academy or in the event of his/her being voluntarily resigning from the said National Defence Academy or for any reason not beyond the control of the cadet, he/she does not complete the prescribed period of training, or he/she, the cadet, does not accept a Commission if offered as contemplated above, then the Guardians and the cadet shall jointly and severally be liable to pay herewith to Government as work done as the Government shall fit but not exceeding such expenses as shall have been incurred by the Government on account of the Cadet on his/her training and all the money received by the Cadet as pay and allowance from the Government together with interest on the said money obtained at the rate in force for Government loans.

3. The cost of training including accommodation, books, uniforms, boarding and medical treatment will be borne by the Government. Parents or guardians of cadets, will, however, be required to meet their pocket and other private expenses. Normally these expenses are not likely to exceed Rs. 3000.00 per. If in any case a candidate's parents or guardian is unable to meet wholly or partly even this extraordinary financial assistance of Rs. 10000.00 per. for the period of training may be granted by the Government whose parents income is less than Rs. 21,000/- per month. Cadet whose parent's or guardian's income exceeds Rs. 21,000/- per month will not be liable for the assistance. If more than one candidate simultaneously undergoing training at NDA, INA, OIA and corresponding training establishments in the Navy and Air Force, then (2018) would be eligible for the financial assistance.

The parent/guardian of a candidate desirous of having financial assistance from the Government should immediately after his acceptance having been finally selected for training at the National Defence Academy submit an application through the District Magistrate of his District who will forward the application with his recommendation to the Commission, National Defence Academy, Kadadwala, Pune-411023.

3. Candidates finally selected for training at the Academy will be required to deposit the following amount with the Commandant, National Defence Academy, on their arrival there:—

(a)	Pocket allowance for five months @ Rs. 3000.00 per month.	Rs. 15000.00
(b)	For items of clothing and equipment (Cost of clothing and equipment for candidates will be returned subsequently at the time of joining instructions)	
(c)	Army Group Insurance Fund	Rs. 7200.00
(d)	Clothing items required at the time of joining (Cost of clothing and equipment for candidates will be returned subsequently at the time of joining instructions)	
(e)	Incidental expenditure during 1st Semester	Rs. 1375.00
	Total (See Sec (b) & (d) to be added here)	Rs. 23750.00

Out of the amount mentioned above the following amount is refundable to the candidates in the event of financial aid being sanctioned to them—

- (a) Pocket Money Allowance @ Rs. 100.00 per Month.
- (b) For items of clothing and equipment (brought at the time of joining)

4. The following Scholarships/Financial Assistance are available at the National Defence Academy.

- (1) **PARASHURAM BHAI PATWARDHAN SCHOLARSHIP**— This Scholarship is granted to cadets overall first in Academies of Passing out Course. One time scholarship amount is Rs. 5000/-.
- (2) **COLONEL KENDAL FRANK MEMORIAL SCHOLARSHIP**— This scholarship is of the value of Rs. 4000.00 per annum and awarded to a MAHATMA cadet who should be the son of an ex-serviceman. The scholarship is in addition to any financial assistance from the Government.
- (3) **ASSAM GOVERNMENT SCHOLARSHIP**—Two scholarships will be awarded to the cadets from ASSAM. The value of each scholarship is Rs. 3000 per annum and is tenable for the duration of a cadet's stay at the National Defence Academy. The scholarships will be awarded to the two best cadets from ASSAM without any reference to the income of their parents. The cadets who are granted this scholarship will not be entitled to any other financial assistance from the Government.
- (4) **UTTAR PRADESH GOVERNMENT INCENTIVE SCHEME**—The Pradhan Mantri Paswan Nali a Trust under Hon'ble Governor of Uttar Pradesh has started a incentive scheme for cadets joining NDA/IMA/DIA/AF Academy/Naval Academy/Purpose Entry who are wards of ex-servicemen/retirees upto J/D rank and are domicile of State of Uttar Pradesh in which there is a provision of one-time grant of Rs 50,000/- for each cadet selected as a special incentive.
- (5) **KERALA GOVERNMENT SCHOLARSHIPS**— All caste/tribe cadets (except five of gender and without any pre conditions) to all Kerala state cadets who are admitted to OJAS/NDIA, IMA, Naval Academy, Air Force Academy, Armed Forces Medical College, KIMC Schools, as a resolution shall be granted Rs 2,50,000/- only and those who get admission to Military, Naval and Air Force Training Schools shall be granted as a consolation Rs 1,00,000/-.
- (6) **BHABU LAL MAUNDANI PRIZE**— This is cash prize of Rs. 500.00 available for the best BENGALI boy in each Course of the Academy. Application Forms are available with the Commandant, National Defence Academy.
- (7) **ORISSA GOVERNMENT SCHOLARSHIPS**— These scholarships, one for the Army, one for the Navy and the other for the Air Force of the value of Rs. 50.00 each per month will be awarded by the Government of Orissa to the cadets who are permanent residents of the State of ORISSA. Two of these scholarships will be awarded on the basis of *mere merit* of the cadets (whose parent's or guardian's income does not exceed

Rs. 3,000- per month and the other one will be given to the best candidate irrespective of his parent's or guardian's income.

S.No	State Government	Amount	Eligibility
(8)	West Bengal (i) The candidate to be "Thiruvai Arival" category must be Scholarship per semester	Low - 5000- Middle - 3750- High - 2500-	(i) The candidate must be Indian Citizen and the candidate's list of fee permanently domiciled in the State of West Bengal. (ii) The Candidate is not in receipt of any other financial assistance / grant from the Govt. of India and/or the State Government or any other authority excepting scholarship or stipend received on merit.
	Table Income group Low - up to Rs. 9000- Middle - Rs. 9001- to Rs. 18000- High - Above 18000- (-)		
(9)			(i) The income limit of the candidate's parent/guardian should not exceed Rs. 15,000/- per Rs. 1,00,000/- per annum. (ii) The income limit of those belonging to SC/ST/OBC should not exceed Rs. 37,500/- per month (Rs. 4,50,000/- per annum). (iii) He should not be receiving financial assistance/ grant from any other source.
(10)	Nagaland	Rs. 1,00,000/- creation payment	Should be domicile of Nagaland State
(11)	Nagasa	Rs. 1,00,000/- creation payment	Should be domicile of Manipal State
(12)	Assam (Pradesh)	Scholarship Rs.1,000/- per One (one) month Allowance Rs. 12,000/-	Should be domicile of Assam (Pradesh) State

(13)	Grant	Scholarship Rs. 4,000/- per annum	To be awarded to Serving Ex-servicemen (and Ex-Servicing Officers) of National Institute of Gujarat.
(14)	Uttarakhand	<p>(a) Prater Money Rs. 250/- per Ex-NDA Cadet of Uttarakhand domicile is paid to father/guardian of cadet (Ex-Servicemen/Widow, through respective Zila Saikshik Kalyan Officers.)</p> <p>(b) Cash Award of Rs. 20,000/- Ex-NDA Cadet of Uttarakhand domicile is paid to father/guardian of cadet through Directorate of Higher Education, Haridwar.</p>	
(15)	Punjab	Rs. 1,00,000-one time payment	Should be domicile of Punjab State.
(16)	State Level Scholar	Rs. 1.5 lakh for all Officer entry schemes	Award for successful candidates of Soldier for all Officer entry schemes.
(17)			Ex-Officer and NDA National Scholarship, One time payment to the first and second best all round Air Force cadets of VI th term amounting to Rs. 1,000/- and Rs. 1,000/- respectively.

(18) HIMACHAL PRADESH GOVERNMENT SCHOLARSHIP— Four scholarships will be awarded to cadets from HIMACHAL PRADESH. The value of each scholarship is Rs. 3000 per month during the first two years of training and Rs. 4500 per month during the third year of training. These scholarships will be available to those cadets whose parent's income is below Rs. 100.00 per month. No cadet in receipt of financial assistance from the Government will be eligible for this scholarship.

(19) TAMIL NADU GOVERNMENT SCHOLARSHIP—The Government of Tamil Nadu has instituted a NDA one scholarship per course of the value of Rs. 30/- per month plus an outfit allowance of Rs. 400/- (one only) during the entire period of cadet's training to be awarded to a cadet belonging to the State of TAMIL NADU whose parent's guardian's monthly income does not exceed Rs. 500/-. The application by an eligible cadet can be made to the Commandant, National Defence Academy on their arrival.

In addition to the existing Scholarships, Government of Ex-Servicemen Welfare, Chennai under Tamil Nadu Government has sanctioned a one-time grant of Rs. 1,00,000/- (Rupees One Lakh Only) to the eligible children of Ex-Servicemen who join NDA/IMA/Naval or Air Force Academy as Permanent (commissioned) Officers.

(10) KARNATAKA GOVERNMENT SCHOLARSHIPS— The Govt. of Karnataka has awarded scholarships to cadets from Karnataka State who join the National Defence Academy. The value of the scholarship shall be Rs.1,500/- (Rupees One Thousand Five Hundred only) per month and cadre allowance of its first term Rs.15,000/- per annum.

(11) ALBERT EKKA SCHOLARSHIP—The Government of Bihar has instituted at NDA 25 Merit Scholarships at Rs. 50/- per month for entire period of six terms at the NDA and Rs. 120/- (one rupee towards clothing and equipment). The cadet awarded the above merit scholarship would not be eligible for any other scholarship or financial assistance from the Government. The application by an eligible cadet can be made to the Commandant, National Defence Academy on form approval.

(12) PG OFFICER DR PINTOO MEMORIAL SCHOLARSHIP— (By Capt. M Vashista has instituted 3 scholarships of Rs. 125/- each per month at NDA for one term to be awarded to the first three cadets in the order of merit on completion of their first semester till end of second term. The cadets in receipt of Govt. Financial Assistance will not be eligible for the above scholarships. The application by eligible cadets can be made to the Commandant, NDA on arrival.

**(13) FINANCIAL ASSISTANCE TO WARDH OF EX-SERVICEMEN—
MADHAKASHTRA STATE—** The wards of Maharashtra ex-service officers/men who are undergoing training as cadets at NDA will be given Rs. 50,000/- as one time assistance.

The parents/guardians of the wards should submit their applications to their respective Zila Sarkar Welfare Office along with the certificate obtained from the Academy. Terms and conditions governing these scholarships are obtainable from the Commandant, National Defence Academy, Khadakwasli, Pune - 411 021.

(14) AWARD OF FINANCIAL ASSISTANCE TO CANDIDATES OF HARYANA DOMICILE UNDER TRAINING AT NDA— The Haryana State Govt. has declared a cash award of Rs. 1,00,000/- (Rupees one lakh) to every individual who successfully completes the training at NDA/INDIAIA and other Defence Academies of National Service and domicile of State of Haryana.

(15) INCENTIVE GRANT TO CADETS DOMICILE OF UT, CHANDIGARH UNDER TRAINING AT NDA— Chandigarh Administration has introduced the scheme for grant of one time incentive of Rs. 1,00,000/- (Rupees one lakh) to the cadets who are resident of UT, Chandigarh and joined NDA.

(16) SCHOLARSHIP/GRANT FOR NCT DELHI — The cadets undergoing training at NDA and who are domicile residents of NCT Delhi will get a monthly grant of Rs 2000/-. A domicile resident would mean those cadets whose permanent home address recorded in the documents at the time of joining NDA is that of National Capital Territory of Delhi (and does not include NCR). This would be needed to be supported with a copy of the residence proof (Aadhar Card, Voter Identity Card, Service Records of their parent etc.)

TRAINING

5. The selected candidates for the three services viz. Army, Navy and Air Force are given preliminary training both academic and physical for a period of 1 year at the National Defence Academy which is an Inter-Service Institution. The training during the first two and half years is common to the cadets of three wings. All the cadets on passing out will be awarded degrees from Jawaharlal Nehru University (JNU) as under:-

- | | | |
|----------------------|---|---------------------------------------|
| (a) Army Cadets | - | B.Sc./B.Sc.(Computer)/B.A. |
| (b) Naval Cadets | - | B. Tech Degree* |
| (c) Air Force Cadets | - | B. Tech Degree* B.Sc./B.Sc.(Computer) |

Note* - All the cadets undergoing B.Sc./B.Sc.(Computer)/BA Degree programme shall be awarded the degree on the successful completion of Academics, Physical and Service Training at NDA. All the cadets undergoing B. Tech programme shall be awarded the B.Tech degree on the subsequent Pre-Commissioning Training Academies/ Institutions/ Ships/ Air Craft.

The selected candidates of the Naval Academy will be given preliminary training both academic and physical, for a period of 34 years at Indian Naval Academy, Ezhimala. The cadets of 10-2 Cadet Entry Scheme will be awarded a B. Tech Degree on successful completion of training.

6. On passing out from the National Defence Academy, Army Cadets go to the Indian Military Academy, Dehra Dun, Naval Cadets to Indian Naval Academy, Ezhimala and Air Force cadets and Ground Duty-Non Tech stream to Air Force Academy, Hyderabad and Air Force cadets of General Duty-Tech stream to Air Force Technical College, Bangalore.

7. At the IMA, Army Cadets are known as Gentlemen/Lady Cadets and are given intensive military training for a period of one year aimed at turning them into officers capable of leading infantry Sub-units. On successful completion of training, Gentlemen/Lady Cadets are granted Permanent Commission in the rank of Lt subject to being medically fit in "MEDAS" test.

8. (a) The Naval cadets are selected for the Executive Branch of the Navy, on passing out from the National Defence Academy and are given further training at Indian Naval Academy, Ezhimala for a period of one year on successful completion of which they are promoted to the rank of Sub-Lieutenants.

(b) Selected candidates for the Naval Academy under 10-2 Cadet Entry Scheme will be inducted as Cadets for four year B.Tech course in Applied Electronics & Communication Engineering (for Executive Branch), Mechanical Engineering (for Engineering Branch including Naval Architecture specialisation) or Electronics & Communication Engineering (for Electrical Branch) as per Naval requirements. On completion of the course, B. Tech Degree will be awarded by Jawaharlal Nehru University (JNU).

9. (a) Air Force Flying Branch Cadets receive Flying training for a period of one and a half years. On successful completion of one year of basic flying training (plans), they are granted Permanent Commission (on probation) in the rank of Flying Officer, for a period of six months. Permanent Commission is then confirmed in respect of those officers who successfully complete the flying training conversion course for plans lasting for a period of approximately six months.

(b) Air Force Ground Branch Cadets are granted Permanent Commission (on probation) in the rank of Flying Officer, for six months on successful completion of training at AFA. On successful completion of the probationary period of approximately six months, the Permanent Commission is then confirmed.

TERMS AND CONDITIONS OF SERVICES

11. Army Officers and equivalent rank in Air Force and Navy

(a) Fixed Stipend for Cadet Training:-

Stipend to multi-branch Cadets during the entire duration of training in Service academies i.e. during training period of 15A.	Rs 36,000-per-ann ^o (Starting pay in Level 10)
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*On successful commissioning, the pay in the Pay matrix of the Officer commissioned shall be fixed in first Cell of Level 10 and the period of training shall not be treated as commissioned service and arrears on account of admissible allowances, as applicable, for the training period shall be paid to cadets.

(b) Ex:

Rank	Pay Level (in Rs.)
Lt to Maj	Lt - Level 01 (26,100) = 1,77,200/- Capt - Level 03 (41,300) = 33,500/- Maj - Level 11 (69,400) = 2,07,200/-
Lt Col to Maj Gen	Lt Col - Level 12A (1,21,200) = 2,12,400/- Col - Level 13 (1,31,600) = 2,35,000/- Brig - Level 13A (1,39,000) = 2,17,600/- Maj Gen - Level 14 (1,44,200) = 2,18,200/-
Lt Gen (05N) - Scale	Level 15 (1,82,200) = 2,34,100/-
Lt Gen (05N) - Scale	Level 16 (2,05,400) = 2,34,400/-
VC OAG/Army Col: Lt Gen (05SG)	Level 17 (2,25,000) (fixed)
XXAS	Level 18 (2,50,000) (fixed)

(vi) **MIP in the officer is as follows:-**

Military Service Pay(MSP) to the officer	Rs.15,500 per m. fixed from the rank of Lt to Brig
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(vii) Risk and Hardship allowance has been introduced by the 7th CPC under which an officer gets his entitled allowance as per risk and hardship of the area where he/she is in service.

(viii) **Other allowances:-**

District Allowance	Admissible at the same rates and under the same conditions as are applicable to the civilian personnel from town to town.
Para Allow	Rs.13,125/- per
Para Reserve Allow	Rs.1,281/- per
Para help instructive Allow	Rs.13,125/- per
Project Allow	Rs.4,250/- per
Special Forces Allow	Rs.11,250/- per
Technical Allow (I to-1)	Rs.1,000/- per
Technical Allow (1 to-2)	Rs.4,500/- per

(ix) **Uniform allowance** Rs.25,000/- per year.

(x) **Ration in kind** as per the rules and field rates.

(xi) **Transport Allowance (TFA)**

Pay Level	Higher TFA Cities (Rs. Per month)	Other Places (Rs. Per month)
Officers	Rs. 7,200+DS, District	Rs. 3,000+DS, District

(xii) **Children Education Allowance** Rs. 2813/- per month per child for two eldest surviving only. CEA is admissible from Nursery to 12th class.

(xiii) **Hostel Subsidy** Rs. 4410/- per month per child for two eldest surviving only. Hostel Subsidy is admissible from Nursery to 12th Class.

(xiv) The following monetary benefits are available to the Cadets (Direct)/NOCs in the event of involvement or medical grounds/death of a Cadet (Direct) due to causes attributable to or aggravated by military training.

(i) **IN CASE OF DISABEMENT**

(a) Monthly Ex-gratia amount of Rs. 4000/- per month.

(b) Ex-gratia disability award @ Rs. 16200/- per month shall be payable in addition for 100% of disability during period of disablement subject to certain reduction in case the degree of disablement is less than 100%. No disability award shall be payable in cases where the degree of disablement is less than 20%.

(c) Constant Attendance Allowance (CAA) @ Rs 6700/- per month for 100% disabled on the recommendation of Invaliding Medical Board (IMB).

(ii) **IN CASE OF DEATH**

(a) Ex-gratia amount of Rs. 12.5 lakhs to the NOK.

(b) Monthly Ex-gratia amount of Rs. 9000/- per month to the NOK.

Note: 1. The Ex-gratia awards to Cadets (Direct) / NOK, shall be sanctioned purely on ex-gratia basis and the same shall not be treated as pension for any purpose.

2. Insurance of life at applicable rates shall be granted on monthly ex-gratia as well as ex-gratia disability award.

11. (a) Army Group Insurance Fund provides insurance cover of Rs.15 lakh on payment of one time non-refundable premium of Rs. 7,200/- (subject to revision from time to time) by cadets from the date of joining for pre-commission training i.e. for 3 years. If a cadet is relinquished an additional premium of Rs. 1,255/- (subject to revision from time to time) per relinquished term will be paid. For those who are invalided out by IMB on account of disability and not entitled to any pension will be provided Rs.15 lakhs for 100 per cent disability. This will be proportionately reduced to Rs 5 lakhs for 20 per cent. However, for less than 20 percent disability, only an Ex-Gratia Grant of Rs. 50,000/- for first two years of training and Rs. 1 lakh during the third year of training will be paid. Disability due to alcoholism, drug addiction and due to the dismissal of pre-employment origin will not qualify for disability benefit and Ex-Gratia Grant. In addition, cadets withdrawn on disciplinary grounds, expelled as undesirable or leaving the Academy voluntarily will also not be eligible for disability benefits and Ex-Gratia. There is no saving component under the scheme.

(b) The Lady Cadettes Cadets during pre-commissioning when in receipt of stipend are insured for Rs. One Crore applicable to officers of the regular Army. Monthly MIB subscription will be deducted directly by PCDA (G, Pune). For those who are invalided out by Invaliding Medical Board (IMB) on account of disability and not entitled to any pension will be provided Rs 25 lakh for 100 percent disability. This will be proportionately reduced to Rs 5 lakh for 20 percent disability. However, for less than 20 percent disability, an ex-gratia grant of Rs. 50,000/- only will be paid. Disability due to alcoholism, drug addiction and due to the dismissal of pre-employment origin will not qualify for disability benefit and Ex-Gratia Grant. In addition, Lady Cadettes Cadets withdrawn on disciplinary grounds, expelled

as an undesirable or leaving the Academy voluntarily will not be eligible for disability benefits and Ex-Gratia.

13. PROMOTIONAL AVENUES:

S.No.	Army	Navy	Air Force	Minimum Feasible Commissioned Service required for Substantive Promotion
1.	2.	3.	4.	5.
(a)	Lieutenant	Sub Lieutenant	Flying Officer	On Commission
(b)	Captain	Lieutenant	Flight Lieutenant	5/7 years
(c)	Major	Lt. Commander	Squadron Leader	8/9 years
(d)	Lieutenant Colonel	Commander	Wing Commander	13 years
(e)	Colonel (Selection)	Captain (Selection)	Group Captain (Selection)	On Selection
(f)	Colonel (Time Scale)	Captain (Time Scale)	Group Captain (Time Scale)	20 years
(g)	Brigadier	Commodore	Air Commodore	On Selection
(h)	Major General	Rear Admiral	Air Vice Marshal	On Selection
(i)	Lieutenant General	Vice Admiral	Air Marshal	On Selection
(j)	General	Admiral	Air Chief Marshal	On Selection

14. RETIREMENT BENEFITS

Pension, gratuity and disability pensionary award will be admissible in accordance with the rules in force from time to time.

15. LEAVE

Leave will be admissible in accordance with the rules in force from time to time.
