

Government of India
Ministry of Home Affairs
Directorate General Border Security Force
(Pers Directorate: Rectt Section)

**ONLINE DETAILED ADVERTISEMENT FOR RECRUITMENT ON VARIOUS GROUP-
'B' & 'C' POSTS IN BSF WATER WING DIRECT ENTRY EXAM-2024**

Online applications are invited from eligible and interested Male Indian citizens for filling up the under mentioned vacancies in Group-'B' & 'C' Combatised (Non-Gazetted) posts in Border Security Force, Water Wing through online mode only for the vacancy year 2024:-

Post	Vacancies						Ex-Servicemen Quota						Pay & Matrix Level
	UR	EWS	OBC	SC	ST	Total	UR	EWS	OBC	SC	ST	Total	
SI (Master)	2	1	1	2	1	7	0	0	0	0	0	0	Rs.35,400- 1,12,400/- (Level-6)
SI (Engine Driver)	0	0	1	2	1	4	0	0	0	0	0	0	
HC(Master)	15	11	2	1	6	35	2	1	0	0	1	4	Rs.25,500- 81,100/- (Level-4)
HC (Engine Driver)	25	11	13	2	6	57	2	1	1	0	1	5	
HC (Workshop)	5	0	6	1	1	13	0	0	1	0	0	1	
Constable (Crew)	16	3	15	8	4	46	2	0	2	2	0	6	Rs.21,700- 69,100/- (Level-3)
Total	63	26	38	16	19	162	6	2	4	2	2	16	

HC (Workshop) trade wise distribution:-

Post /Trade	UR	EWS	OBC	SC	ST	Total
HC (Workshop) Mechanic (Diesel/Petrol Engine)	1	0	1	0	1	3
HC (Workshop) Electrician	1	0	1	0	0	2
HC (Workshop) AC Technician	0	0	0	1	0	1
HC (Workshop) Electronics	0	0	1	0	0	1
HC (Workshop) Machinist	0	0	1	0	0	1
HC (Workshop) Carpenter	2	0	1	0	0	3
HC (Workshop) Plumber	1	0	1	0	0	2
Total	05	0	06	01	01	13

Note:1:- Applications will be accepted through online mode only.

Note:2:- Vacancies are subject to change (may increase or decrease). BSF reserves the right to make changes/cancel/postpone the recruitment without assigning any reason.

Note:3:- Any amendment/notice will only be published on BSF Website. Therefore, candidates are requested to visit regularly on BSF recruitment portal URL <https://rectt.bsf.gov.in> at their own interest for updates.

Note:4:- 10% vacancies are reserved for Ex-Servicemen. However, if Ex-Servicemen candidates are found ineligible, vacancies reserved for them will be filled by respective category.

Note:5:- Last date for acceptance of online application form will be 30 days from the date of publication of detailed advertisement.

2. **Nationality/Citizenship**:-Candidate must be a citizen of India. However, no person who is not a citizen of India shall, except with the prior permission of the Central Government in writing be appointed or employed under these rules. Provided that nothing contained in these rules shall debar the appointment, enrolment or employment of a citizen of Nepal or Bhutan under these rules.

3. **Disqualification**:-No Person,-

- Who has entered into, or contracted a marriage with a person having a spouse living; or
- Who having a spouse living has entered into or contracted a marriage with any person, shall be eligible for appointment to the said posts.

Provided that the Central Government may, if satisfied that such marriage is permissible under the personal law applicable to such person and that there are other grounds for doing so, exempt any person from the operation of this rule.

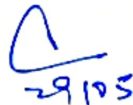
4. **Eligibility Conditions**:-

a) **Educational and Technical Qualification**:-

Post	Educational and Technical Qualification
SI (Master)	i) 10+2 or its equivalent from a recognized Board or University; and ii) 2 nd class master certificate issued by Central/State Inland Water Transport Authority/ Mercantile Marine Department.
SI (Engine Driver)	i) 10+2 or its equivalent from a recognized Board or University; and ii) 1 st class engine driver certificate issued by Central/State Inland Water Transport Authority/Mercantile Marine Department.
HC(Master)	i) Matriculation from a recognized Board or equivalent; and ii) Serang Certificate
HC (Engine Driver)	i) Matriculation from a recognized Board or equivalent; and ii) Possessing 2 nd class Engine Driver certificate.
HC (Workshop)	i) Matriculation from a recognized Board or equivalent; and ii) Industrial Training Instituted Diploma in Motor Mechanic (Diesel/Petrol Engine), Electrician, AC Technician, Electronics, Machinist, Carpentry & Plumbing for the post of HC (Workshop) Mechanic (Diesel/Petrol Engine), HC (Workshop) Electrician, HC (Workshop) AC Technician, HC (Workshop) Electronics, HC (Workshop) Machinist, HC (Workshop) Carpenter and HC (Workshop) Plumber from a recognized Institution respectively.
Constable (Crew)	i) Matriculation from a recognized Board equivalent; and ii) One year experience in operation of Boat below 265 HP; iii) Should know swimming in deep water without any assistance.

Note:1:- Candidates not in possession of requisite educational qualification/ experience certificate or appearing in the examination/awaiting result need not to apply.

Note:2:- Candidates applying for the post of Constable (Crew) will upload an undertaking as per Annexure-'D'.


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b) Age limit and relaxation:-

Name of post	Age limit
SI (Master)	Between 22-28 years
SI (Engine Driver)	
HC(Master)	Between 20-25 years
HC (Engine Driver)	
HC(Workshop)	
Constable (Crew)	

Note:1:- The crucial date to determine the age limit in each case shall be closing date for receipt of online applications i.e. 01.07.2024

- i) Age limit of candidate(s) for the post of SI (Mater) & SI (Engine Driver) should be between **22 to 28 years** as on closing date of receipt of online application form i.e. 01.07.2024. In other words, candidate must have been born not earlier than 01.07.1996 and not later than 01.07.2002 to be eligible to apply.
- ii) Age limit of candidate(s) for the post of HC (Master), HC (Engine Driver), HC (Workshop) & Constable (Crew) should be between **20 to 25 years** as on closing date of receipt of online application form i.e.01.07.2024. In other words, candidate must have been born not earlier than 01.07.1999 and not later than 01.07.2004. to be eligible to apply.
- iii) However, relaxation in upper age limit is available to different categories and Central Government servants as per instructions/ order issued by Central Govt. from time to time.

Relaxations of upper age limit for candidates applying against the vacancies earmarked for direct entry is as under:-

S/N	Categories	Age relaxation permissible beyond upper age limit
i)	Scheduled Caste, Scheduled Tribe	05 years
ii)	Other Backward Classes	03 years
iii)	Ex-Servicemen (Unreserved) after deduction the period of actual military service rendered from actual age as on crucial date.	03 years
iv)	Ex-Servicemen (OBC) after deduction the period of actual military service rendered from actual age as on crucial date.	06 (03+03) years
v)	Ex-Servicemen (SC/ST) after deduction the period of actual military service rendered from actual age as on crucial date.	08 (03+05) years
vi)	Central Govt. Civilian Employees and Departmental Candidates (Unreserved/EWS/OBC/SC/ST) who have rendered at least 3 years continuous service as on closing date for Group-'B' posts only	05 years
vii)	Central Govt. Civilian Employees and Departmental Candidates (Unreserved/EWS/OBC) who have rendered at least 3 years continuous service as on closing date for Group-'C' posts only	Upto the age of 40 years

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viii)	Central Govt. Civilian Employees and Departmental Candidates (SC/ST) who have rendered not less than 3 years regular and continuous service as on closing date for Group-'C' posts only	Upto the age of 45 years
ix)	Candidate who had ordinarily been domiciled in the state of J&K during the period from 01.01.1980 to 31.12.1989 (OBC)	08 (05+03) years
x)	Candidate who had ordinarily been domiciled in the state of J&K during the period from 01.01.1980 to 31.12.1989 (SC & ST)	10 (05+05) years
xi)	Children and dependent family of those killed in Gujarat riots of the year 2002 (Unreserved)	05 years
xii)	Children and dependent family of those killed in the communal riots of the year 1984 and Gujarat riots of the year 2002 (OBC)	08 (05+03) years
xiii)	Children and dependent family of those killed in the communal riots of the year 1984 and Gujarat riots of the year 2002 (SC/ST)	10 (05+05) years

- Note:1:-** Age of candidates will be determined on the basis of Date of Birth as recorded in their matriculation/secondary certificate or its equivalent certificate.
- Note:2:-** Prescribed format of certificate for reserved categories are attached as per **Annexure-'B'** for SC/ST, **Annexure-'B1'** for EWS and **Annexure-'C' & 'C1'** for OBC category.
- Note:3:-** Relaxation of respective category will only be given in those cases where vacancies are available in respective category for the applied post. If vacancies are not available in respective reserved category, candidates applied will be treated as '**Un-Reserved**' category candidate provided that he must fulfill the eligibility conditions applicable to Un-reserved candidate. In that case, if found later that candidate does not fulfill the criteria of UR/General category; candidature of such candidates will be rejected at any stage of the examination.
- Note:4:-** A person seeking appointment on the basis of reservation to OBCs must ensure that he possesses the caste/community certificate and does not fall in creamy layer on the crucial date. The crucial date for this purpose will be the closing date for receipt of online application forms.
- Note:5:-** Every candidate seeking reservation as OBC is required to submit a certificate in prescribed format (**Annexure-'C'**) regarding his OBC status and non-creamy layer status issued by Competent Authority. Candidates claiming OBC status may ensure that he possess caste/community certificate and does not fall in creamy layer on the crucial date i.e. closing date for receipt of online application forms. (In order to ensure it, a declaration in addition to the certificate issued by Competent Authority will also be obtained from candidates seeking reservation as OBC in the format attached as **Annexure-'C1'**).
- Note:6:-** A person seeking appointment on the basis of reservation to EWS must ensure that he possesses the "**INCOME & ASSET CERTIFICATE**" issued by Competent Authority as per the specimen attached at **Annexure- 'B1'** and the same should be valid as on the crucial date.


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Note:7:- Nothing in these rules shall effect reservations, relaxation of age limit and other concessions required to be provided for Scheduled Castes, Scheduled Tribes, Ex-Servicemen and other special categories of persons, in accordance with the orders issued by Central Government from time to time in this regard.

c) Physical standards:-

Categories	Height	Chest
a) Scheduled Tribes/Adivasis of all States and Union territories including Nagas and Mizos	160 Cms	73-78 Cms
b) For person belonging to:- i) Hilly areas of Garhwal, Kumaon, Himachal Pradesh, Sikkim, Leh & Ladakh and North Eastern States for Group 'B' posts only. ii) Hilly areas of Garhwal, Kumaon, Himachal Pradesh, Sikkim, State of Jammu & Kashmir and North Eastern States for Group 'C' posts only. iii) States of Kerala, Karnataka, Tamilnadu, Maharashtra, Andhra Pradesh and Goa. iv) Union territory of Pondicherry, Lakshadweep, Daman and Diu and Andaman & Nicobar Islands; and v) Dogras	162.5 Cms	75-80 Cms
c) For person belonging to other states and Union territories	165 Cms	75-80 Cms
Weight:- Proportionate to height and age as per medical standards		

Note:1:- Relaxation in height and chest, as the case may be, as mentioned above will be permissible only on production of certificate in prescribed proforma (**Annexure-'E'**) issued by District Authorities where they ordinarily reside(s)

d) Medical standard:-Candidates should have following medical standards:-

i) Eye sight:-

Visual Acuity Unaided (Near Vision)		Uncorrected Visual Acuity (Distant vision)		Refraction	Remarks
Better Eye	Worse Eye	Better Eye	Worse Eye		
N6	N9	6/6	6/9	Visual correction of any kind is not permitted even by the glasses	In right handed person, the right eye is better eye and vice versa. Binocular vision is required.

ii) The candidates must not have knock knees, flat foot, varicose vein or squint in eyes, must possess CP III BY ISIHARA vision and must be in good mental and bodily health, free from any physical defect likely to interfere with the efficient performance of the duties.

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- iii) The Medical Examination will be conducted as per revised uniform guidelines of Medical Examination for recruitment in the CAPFs & AR as circulated by MHA OM No.A-VI-1/tthgbfv014-Rectt (SSB) dated 20.05.2015, Revised uniform guidelines for Review Medical Examination in CAPFs & AR for GO's & NGO's circulated by MHA OM No.E.32012/ ADG (Med)/DME& RME/DA-1/2020/1166 dated 31.05.2021 and subsequent amendment thereof.
- iv) If a candidate is declared medically unfit during Detailed Medical Examination (DME), he will be allowed to undergo Review Medical Examination (RME), provided he give written consent by appending his signature on the intimation indicating reasons for being unfit, as per **Annexure-'F'**. Review Medical Examination (RME) of such candidates will be conducted in continuation of Detailed Medical Examination preferably on the next day of DME. The consent for RME as per **Annexure-'F'** duly signed by the candidate should be submitted within 24 hrs after he is informed of his unfitness in DME. Review Medical Examination (RME) is conducted to rule out the possibility of an **Error of Judgement** in the decision of Detailed Medical Board. Decision of Review Medical board will be final. No appeal/representation against the decision of Review Medical board will be entertained.
- v) **Regarding Tattoos on various parts of body:-**
- (a) **Content**:-Being a secular country, the religious sentiments of our countrymen are to be respected and thus, tattoos depicting religious symbol or figures and the name, as followed in Indian Army are permitted.
- (b) **Location**:-Tattoos marked on traditional sites of the body like inner aspect of forearm but only left forearm, being non saluting limb or dorsum of the hands are to be allowed.
- (c) **Size**:-Size must be less than $\frac{1}{4}$ of the particular part (Elbow or hand) of the body.
- (d) In case a candidate has undergone removal of tattoo (s) prior to appearing in recruitment process and same has faded substantially, this will be treated as 'scar' and not a tattoo. Such candidates will be permitted to undergo entire selection process with the approval of Presiding Officer of recruitment board. Further, scar resulting due to removal of tattoo will be reviewed by Medical Board of Officer during Detailed medical Examination.
- e) **For SI (Master/Engine Driver) only**:-Must qualify technical aptitude and trade test both in written and practical.
- f) **For HC (Master/Engine Driver/Workshop) and Constable (Crew) only**:- Should qualify the physical efficiency test, written test and trade test.

5. **Process of certification and format of certificates:-**

Candidates who wish to be considered against vacancies reserved/ or seek age relaxation must submit requisite certificate issued by Competent Authority in the prescribed format when such certificate are sought by concerned selection board at the time of documentation. Otherwise, their claim for EWS/OBC/SC/ST status will not be entertained and their candidature/applications will be considered under **Un-Reserved category**. Formats of the certificates are annexed. Certificates obtained in any other format will not be accepted.


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Note:1:- Candidates are warned that they will be permanently debarred from Exam conducted by BSF, if they fraudulently claim EWS/OBC/SC/ST status.

Note:2:- Candidates should note that Date of Birth as recorded in Matriculation /Secondary or its equivalent certificate available on the closing date of submission of application will be accepted for determining the age and no subsequent request for its change will be considered/granted.

6. **Selection procedure:-**

A) 1st Phase (i.e. Written Examination):- 1st Phase (i.e. Written Examination) will be conducted at selected Examination Centres on the date and time fixed by BSF which will be communicated to all candidates through e-admit cards. There will be one composite paper for two hours duration. Question papers will be objective type with multiple choices on OMR based answer sheet and shall be consisting of the following subjects:-

i) Syllabus for SI (Master/Engine Driver):-

General knowledge & awareness-	25 Marks (25 Question)
Reasoning Ability	- 25 Marks (25 Question)
Numerical Ability	- 25 Marks (25 Question)
Trade Awareness	- 25 Marks (25 Question)
Total	- 100 Marks

ii) Syllabus for HC (Master/Engine Driver/Workshop) & Ct(Crew):-

General knowledge & awareness-	35 Marks (35 Question)
Reasoning Ability	- 35 Marks (35 Question)
Numerical Ability	- 30 Marks (30 Question)
Total	- 100 Marks

- Post wise standard & syllabi of Written Exam is as per Annexure-'G' & 'G1'.
- Question papers will be printed in bilingual i.e. Hindi & English language.
- Minimum qualifying marks in Written Examination for Unreserved, EWS & OBC Category is 35% and for SC/ST Category is 33%.

Note:1:- Number of candidates to be qualified in Written Exam will be restricted to **six (06) times** of number of vacancies advertised or number of candidates qualified in Written Exam whichever is less, to appear in 2nd Phase (PST, PET, Documentation, Trade Test and Medical Exam). There will be no re-evaluation of answer sheet.

Note:2:- Candidates are not permitted to use Mobile, Calculator or any other electronic/electrical device to answer any paper (Test Booklets). Candidates will not bring Mobile, Calculator or any other electronic/electrical device inside the Exam premises. Possession of such items, whether in use or not, will be considered as "use of unfair means" in Exam and appropriate action will be taken by BSF against such candidates, as per extant policy of department.

Note:3:- Written Exam will be conducted on OMR based answer sheet. If a candidate did not properly shade/wrongly shaded/did not fill/wrongly filled his mandatory data ovals i.e. Roll No., Question Booklet Series Code and Category in OMR Answer sheet, it will be rejected at initial stage and OMR answer sheet will not be further evaluated for which candidate himself will be responsible for such rejection.

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B) 2nd Phase:-Candidates qualified in 1st Phase (i.e. Written Examination) will appear before Selection Board at designated Water Wing Establishments for 2nd Phase (i.e. Physical Standards Test, Physical Efficiency Test, Documentation, Trade Test and Medical Examination (DME/RME) on a specified date, which will be communicated to them through e-mail or message or on **BSF Website**. Candidates will have to qualify all stages of 2nd Phase. If any candidate fails to qualify in any event/stage of 2nd Phase, he will not be allowed to participate in further stage(s) of examination process. The stages of 2nd Phase will be as under:-

i) **Physical Standards Test (PST):-**Those candidates called for 2nd Phase will be put through Physical Standards Test (PST). It will be carried out by Selection Board to assess the Height, Chest and Weight of the candidates according to the Physical Standards as mentioned at **Para-4 (C)** above.

Note:1:- Candidates declared disqualified in PST (i.e. Height and Chest), may prefer an appeal immediately at the venue of PST itself, if they so desire, to the Appellate Authority. Appellate authority will re-measure Physical Standards of such candidate and the decision of Appellate Authority in this regard will be final and no further appeal/representation in this regard will be entertained. Weight will not be criteria for rejection at the time of PST but that will be checked during Medical Examination.

Note:2:- Candidate will be put through subsequent stages and have to qualify all stages of 2nd Phase one by one. Candidate disqualified in any stage will be eliminated from further process of recruitment.

ii) **Physical Efficiency Test (PET):-**Those candidates found fit in Physical Standards Test (PST) will be put through Physical Efficiency Test (PET) as per follows, which will be qualifying in nature:-

S/N	Events
a)	One mile race in 08 minutes
c)	High Jump:-03 feet & 06 inches in 03 chances
b)	Long Jump:-11 feet in 03 chances

Note:1:- Ex-servicemen applying for the posts are not required to undergo PET. However, Ex-Servicemen are required to fulfill the physical standards as prescribed for Direct Entry candidates to the above posts, as the case may be. They should also qualify the Written Examination, Trade Test, Documentation and Medical Examination (DME/RME).

Note:2:- Use of performance enhancing drugs in PET by candidates will be treated as disqualification.

iii) **Documentation:-**Original testimonials/certificates of the candidate will be checked to confirm the eligibility of candidates at the Centre. If candidate does not produce original documents like age proof, educational & technical qualification, caste certificate, experience certificate, relaxation in PST etc., he will be disqualified.


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- iv) **Trade Test:-** Trade test for each post will be conducted by Selection Board to assess the knowledge and experience of candidates in respective technical filed/trade applied by them. Swimming test for Constable (Crew) will also be conducted by Selection Board. Syllabi of trade test for each post is as per **Annexure-'H' to 'H2'**. Candidates should be well-acquainted with every practical aspect of their applied trade and must qualify prescribed norms of trade test conducted by Selection Board.

Note:1:- Candidates not acquired an essential educational & technical qualification as on the closing date of receipt of online application will not be eligible and no need to apply.

Note:2:- Technical and experience certificate should be genuine duly indicating the complete details of issuing authorities. Candidates to refrain themselves from submitting fake/fabricated technical or experience certificate to avoid cancellation of candidature/termination of service in future.

- v) **Medical examination:-** Candidates who will qualify in all stages (i.e. Written Exam, PST, PET, Documentation and Trade Test) will undergo Detailed Medical Examination (DME) which will be conducted as per revised uniform guidelines of Medical Examination for recruitment in CAPFs & AR as circulated by MHA OM No.A-VI-1/2014-Rectt (SSB) dated 20.05.2015 and subsequent amendment thereof, by a Medical officer to assess their fitness. Detailed Medical Examination will be conducted immediately after completion of Documentation at the respective centers. If a candidate is declared medically unfit during Detailed Medical Examination, he will be allowed to undergo Review Medical Examination as per Revised uniform guidelines for Review Medical Examination in CAPFs & AR for GO's & NGO's circulated by MHA OM No.E.32012/ADG(Med)/DME& RME/DA-1/2020/1166 dated 31.05.2021. Provided that he will give written consent by appending his signature on intimation indicating reasons for being unfit, as per **Annexure-'F'**. Review Medical Examination of candidates will be conducted in continuation of Medical Examination preferably on next day of DME. The consent for Review Medical Examination as per **Annexure-'F'** duly signed by candidate should be submitted within 24 hrs after he is informed of his unfitness in Medical Examination. Review Medical Examination is conducted to rule out the possibility of an **Error of Judgement** in the decision of Medical Board. Decision of Review Medical board will be final. No appeal/representation against the decision of Review Medical board will be entertained.

7. Drawal of final merit list and resolution of tie cases:-

- a) After completion of Medical Examination (DME/RME), post/trade wise and category wise merit list will be drawn separately on the basis of marks secured/obtained by candidates in Written Examination.
- b) In case where more than one candidate has secured equal marks, the tie case will be resolved by applying following methods one after another till the tie case is resolved:-
- i) Date of birth, with older candidates placed higher.
 - ii) Alphabetical order in which first names of the candidates appear.
- c) List of finally selected candidates will be published on BSF website.
- d) No waiting/reserve list shall be maintained.

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8. How to apply:-

Application by candidates must be submitted through **online mode** only. No other mode for submission of application will be accepted. **The facility for submission of online application will be opened on BSF website <https://rectt.bsf.gov.in> w.e.f 02.06.2024 at 00.01 AM and will be closed on 01.07.2024 at 23.59 PM.** Procedure for submission of online application is attached with this advertisement as per Annexure-'A'.

9. Application fees and mode of payment:-

Candidates applying for SI (Master/Engine Driver) will pay Rs.200/- (Rupees two hundred only) and candidates applying for HC (Master/Engine Driver/Workshop) & Constable (Crew) will pay Rs.100/- (Rupees one hundred only) as examination fee through one of the following payment modes. Besides, Rs.47.20/- as service charges will be levied by Common Service Centre (CSC) from every candidate including exempted categories:-

- i) Net banking of any bank.
- ii) Credit/Debit Card of any bank.
- iii) Nearest Common Service Centre

Note:1:- Candidates belonging to Scheduled Caste, Scheduled Tribes, BSF Serving Personnel and Ex-Serviceman are exempted from payment of examination fee.

Note:2:- Payment of examination will be accepted only through online mode.

Note:3:- Fee once paid will not be refunded under any circumstances.

Note:4:- In case of non-receipt of examination fee from the candidates of non-exempted categories, their form will not be accepted.

10. Recruitment centres:-

Candidates can opt one of the following nearest centre for appearing in different selection stages of recruitment process:-

Name of Centre	Centre Code	Name of Recruiting Agencies with Address
Kolkata	01	Inspector General, Ftr HQ BSF SB, Action Area-II E New Town, Rajarhat, Kolkata (WB)-700161
Guwahati	02	Inspector General, Ftr HQ BSF Guwahati PO-Azara, Dist- Kamrup, Guwahati (Assam)-781017
Jalandhar	03	Inspector General, Ftr HQ BSF Jalandhar PO-BSF Campus, Jalandhar Cantt (PB)-144006
Bangaluru	04	Inspector General, Ftr HQ (Spl Ops) Odisha at Bengaluru Air Force Station, Yelahanka, Bangaluru (Karnataka)-560063
Kadamtala	05	Inspector General, Ftr HQ BSF NB PO-Kadamtala (Siliguri), Darjeeling (WB)-734433
Gandhi Nagar	06	Inspector General, Ftr HQ BSF Gujarat, PO-CRPF GC Chiloda Road, Dist-Gandhi Nagar (Gujarat)-382042
Agartala	07	Inspector General, Ftr HQ BSF Tripura PO-Salbagan, Agartala (Tripura)-799012
Delhi	08	Inspector General, IG (HQ) FHQ, West Block-8, R K Puram, Sector-1, New Delhi-110066

Note:1:- Centre for conduct of exam may change at any stage of examination, if required, due to administrative reasons.

Note:2:- Two or more centres for examination can be merged/clubbed depending upon the number of candidates at a particular centre.

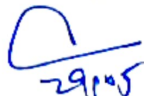
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Note:3:- Candidates should ensure that they fulfil all eligibility conditions for admission to selection test. Their admission at all stages of examination will be purely provisional, subject to their satisfying the prescribed eligibility conditions. If, on verification, at any time before/ after the selection test, it is found that they do not fulfil any eligibility condition, their candidature for Exam will be cancelled by Department.

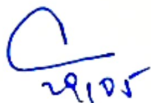
Note:4:- Centre opted by candidates will not be changed on their request except on administrative convenience.

11. Important instructions for candidates:-

- a) Before applying online application, candidates are advised to go through the requirement of educational & technical qualification, experience, age, physical standards etc. and satisfy themselves that they are eligible for the post before applying. BSF reserves the right to cancel the candidature of any candidate at any stage of the selection process, if he is found not qualifying any prescribed eligibility criteria. This detailed advertisement is available on the BSF website <https://rectt.bsf.gov.in>.
- b) Candidates seeking reservation benefits for Govt. Servant/ OBC/SC/ST/Ex-Servicemen must ensure that they are entitled to such reservation as per eligibility prescribed in notice. They should also be in possession of certificate in format prescribed by Govt. of India in support of their claim at the time of application.
- c) Central Govt. servants/Departmental candidates claiming age relaxation should be in possession of a certificate in prescribed format from their office, in respect of the length of continuous service which should be not less than three years in immediate period preceding the closing date of application.
- d) Qualifying the stages of recruitment process doesn't confer any right to candidate for appointment. Final selection of candidate will be made purely on merit.
- e) When application is successfully submitted, it will be accepted provisionally. Candidate may take printout of the application form for their own records. **Printout of application form is not required to be submitted to BSF recruitment centres.** Candidates are also advised to fill their correct and active e-mail addresses and mobile number in online application so that correspondence may be made through E-mail/SMS.
- f) Candidate should note down and retain 'Registration-ID' and 'Password' provided to them while making '**One-Time Registration**' which is required for filling online application.
- g) Only online application is to be submitted by a candidate. Therefore, candidates are advised to exercise due diligence at the time of filling their application form. Also ensure that all particulars of application form must be filled up as given in matriculation certificate otherwise their candidature may be cancelled at the time of documentation or as & when it comes into the notice of the Board.
- h) Department will not be responsible for any consequence arising out of wrong filling of application form.
- i) Candidates to refrain themselves from filling wrong information in their online application form, uploading fake photograph of any other person/celebrity/ dignitaries or object or puts blank photo etc., suitable action will be taken against such defaulter as per provisions under Cyber Crime IT Act 2000.


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- j) Application with illegible/blurred photo/signature will be rejected summarily.
- k) Candidate are required to upload their essential Educational & Technical certificates as per post criteria mentioned in online detailed advertisement at Para No.04 (A) and other documents/certificate as per their category to support their claims. They should ensure that they fulfil all eligibility conditions for admission to the posts. **If during verification at later stage, it is found that candidate does not fulfil any eligibility conditions, his application will be rejected by Recruitment Selection Board.**
- l) Candidates will fill up personal basic information through online in application form with correct entry like name of the post, candidate's name, father's name, address, category, DOB, marital status, mobile number, E-mail address, educational & technical qualification etc. and thoroughly check all the entries.
- m) Employees of Central Govt./Semi Govt./Public Sector Undertakings and BSF serving personnel should apply after obtaining NOC. No objection certificate (NOC) from their employer will be required with application form. However, candidates who have applied for NOC, may produce same at the time of documentation.
- n) All eligible candidates who apply in response to this advertisement before closing date will be assigned Roll Numbers, if they fulfil the terms and condition as given in this advertisement and found eligible for the post. Only such eligible candidates will be communicated through E-mail address/SMS for call letters/e-admit cards through online mode for appearing in 1st Phase. However, any candidate found not eligible at later stage in any aspect his candidature will be cancelled. Admit cards for all Phases will be uploaded on website only. Therefore, candidates are advised to visit BSF website frequently for upcoming latest information of all Phases.
- o) Recruitment board shall not be liable for any claim arising out of any injury etc. suffered during the tests. The decision of recruitment board shall be final in all matters connected with this recruitment.
- p) Appointment will be subject to the conditions that candidates are medically as well as physically fit. Selected candidates will have to undergo Basic Training at any of BSF Training Institutions. Services of those candidates who fail to complete the training successfully are liable to be terminated.
- q) Intimation regarding issue of e-admit cards/call letters and any other important information pertaining to recruitment will be sent on e-mail address or mobile number given by candidates at the time of One Time Registration (OTR). BSF will not be responsible for any technical issue arisen due to inactive e-mail address or invalid mobile numbers. Hence, candidates are advised to ensure that active e-mail ID & mobile number must be used for OTR.
- r) Mobile, Calculator and other Electronic Gadgets are banned within the premises of Examination Centre.
- s) Posts carry all India service liability. Therefore, selected candidates are liable to be posted anywhere in the Country as per transfer policy of the Force. These posts are for BSF Water Wing and selected candidates will be required to operate and maintain/repair different type of boats/water crafts in riverine international border of India.
- t) Recruitment will be done on All India Basis.


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- u) Selected candidate will be governed by BSF Act and Rules.
- v) On appointment, they shall be entitled for pension benefits as per '**New Restructured Defined Contributory Pension Scheme**' applicable for new entrants to Central Govt. services wef 01.01.2004.
- w) A candidate shall have the choice to appear for recruitment at only one centre i.e. centre in which he opts while filling online applications. Centre he opts will be his recruitment centre. No request for change of recruitment centre will be allowed/ accepted under any circumstances. However, department reserve the right to divert candidates of any centre to other centre to take the examination on administrative grounds.
- x) No TA/DA will be paid to any candidate for appearing in recruitment process.
- y) In case, candidates are appointed in BSF and subsequently seek resignation/discharge before completion of 10 years' service, they shall be required to remit an amount equal to 03 months pay & allowances or cost of training imparted to them, whichever is higher as per rules to the Govt.
- z) Appealing in any form or bringing outside influence will automatically disqualify the candidate from appearing in recruitment.
- aa) Beware of touts. No money is charged for recruitment in BSF. If you have paid/promised to pay money to any one, you are cheated and you are losing money. If anyone demands money/promises recruitment, you should immediately inform to Presiding Officer of the concerned recruitment centre.
- bb) Decision of the department in all matters relating to eligibility, acceptance or rejection of application, mode of selection, medical examination etc. will be final and binding on candidates. No enquiry/ correspondence will be entertained in this regard.
- cc) Department holds the right to make any changes in advertisement or cancel it without assigning any reason.
- dd) Candidates are advised to visit BSF website <https://rectt.bsf.gov.in> from time to time to know latest updates of recruitment process.
- ee) Candidate must carry admit card with one photo ID proof, which is required at Examination venue for entering in selection test, failing which they will not be allowed to appear for same. Besides, candidates may carry two passport size recent colour photographs with them for necessary action as required.
- ff) Candidates belonging to Physically Handicapped category are NOT ELIGIBLE to apply for this examination.
- gg) Candidate involved/convicted/arrested in any criminal case under IPC or any other Act of Central/State Govt. will not be considered for recruitment.
- hh) In case a candidate is found ineligible/suppresses facts on any ground after his selection, his service will be terminated without assigning any reason.
- ii) An employee serving in same rank and pay grade will not be entitled to apply for said posts.
- jj) Candidates will have to make their own arrangements for stay during the course of appearing in recruitment process.
- kk) Final scrutiny of eligibility criteria with regard to age, educational & technical qualification and physical/medical standard etc. will be undertaken during 2nd Phase. Therefore, candidature will be accepted only provisionally till the


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final selection. At that time, if any claim made in application is not found substantiated, then candidature will be cancelled and decision of BSF in this regard will be final.

12. Action against candidates found guilty for misconduct:-

- i) Candidates are warned that they should not furnish any particulars that are false or suppress any material information while filling online application form. If there is any inaccuracy/discrepancy is found in OMR answer sheet, their OMR answer sheets will be held invalid and will not be further evaluated.
- ii) Involvement of candidates in any of the following activities will render their candidature debarred from appearing in recruitment:-
 - a) Possession of Mobile, Calculator or any other electronic gadget either in use or switch off mode.
 - b) Impersonate/procuring impersonation by any person.
 - c) Submitting fabricated documents or documents which have been tampered with.
 - d) Making statements which are incorrect or false or suppressing material information.
 - e) Resorting to any other irregular/improper/unfair means for qualifying the examination.
 - f) Misbehaving in any other manner in the examination hall with invigilator or any of exam functionaries.
 - g) Besides, candidature can be cancelled at any stage of the recruitment for any other ground which BSF considers to be sufficient cause for cancellation of candidature.

13. Court jurisdiction:-

Any dispute in regard to this recruitment will be subject to Court/Tribunal having jurisdiction over the City/Town in which concerned BSF centre/office is situated and candidate has opted in his application.




29/05/24
(Amar Bir Singh)
Comdt (Recrt)
2024

PROCEDURE/INSTRUCTIONS FOR REGISTRATION AND SUBMISSION OF ONLINE APPLICATION FORMS

1. Candidates must apply online by visiting BSF website <http://rectt.bsf.gov.in>. No other mode for submission of application will be accepted. Online submission of application form comprises of following steps:-
 - a) **One Time Registration (OTR) (Step-I)**
 - b) **Filling of online application (Step-II)**
 - c) **Payment of examination fee through prescribed digital mode (Step-III)**
2. **In Step-I**, candidates should first complete 'ONE TIME REGISTRATION' (OTR) process by filling basic information relating to them i.e. Name, Mobile Number and E-mail ID. Candidates to ensure that only active/functional mobile number and E-mail ID must be used for **One Time Registration** purpose.
3. On submission of information, candidates will receive their **Registration ID and password** on their given mobile number as well as E-mail address. **Candidates are advised to keep memorize Registration ID and password as the same will be essential to obtain access to your profile throughout the entire recruitment process.**
4. After completing the registration part, candidates can view the active advertisement under '**online application**' link by logging in using their credentials.
5. **In Step-II**, candidates can apply for recruitment to the posts as mentioned in detailed advertisement at Para-01 by clicking on '**Apply Here**' link available next to relevant advertisement.
6. Candidates are advised to read the instructions mentioned in recruitment notification carefully before proceeding to online submission of online application form.
7. After reading the instructions, candidates should carefully fill the relevant fields of online application form and upload all essential documents as mentioned in relevant paras of detailed advertisement and other documents as per their category, photograph, signature and thumb impression. Mandatory fields are marked with* (asterisk) sign. Only the application of candidate who fulfilling eligibility conditions will be accepted by system.
8. Candidates will have to fill basic personal information. After filling up all relevant information, candidate can see complete preview of their application form. If candidate desires to make any correction, then press "back". **No correction in the application can be made after clicking "submit" button. Hence, candidates are advised to press "submit" button only after confirmation of correctness of filled information by him.**
9. Digital size of photographs-30 to 100 KB, Signature-20 to 50 KB, Documents-30 to 100 KB and thumb impression should not be more than 50 KB. Photographs and signature must be clearly visible and latest photographs must be uploaded. Format should be jpg, jpeg, png formats.
10. Candidates should thoroughly check all entries filled in online application form, before final submission. In case of any discrepancy, relevant entry may be corrected/ edited. After final submission of online application, no change in any particular shall be allowed.

11. **In Step-III**, candidates are required to make fee payment (candidates who are exempted from fee payment are not required to pay fee). Fee can be paid through Net Banking, Debit Card, Credit Card and nearest Common Service Centre. Candidate's application will not be considered, if fee is not paid for that application.
12. Candidates are required to follow below mentioned procedure to pay fees:-
 - a) After login, application history is visible at bottom side of page.
 - b) Candidates will be able to see application submitted by him to the advertisement with fee payment status. Application for which fee payment status is unpaid. Pay now link will be available there.
 - c) Three options will be available after clicking on pay now link.
 - i) Net banking; ii) Debit Card; iii) Credit card
13. After shown successful completion of fee payment, application will be completed. Candidate may take printout of his application for own record. **Printout of application is not required to be sent to BSF.**
14. Online application submission will be completed after payment of examination fee.

Note:1:- All eligible candidates who apply in response to this advertisement before closing date will be assigned Roll Numbers, if they fulfill the terms and conditions as given in this advertisement and found eligible for the post. Only such eligible candidates will be communicated through E-mail/SMS for call letters/admit cards through online mode for appearing in various selection processes i.e. Written Examination, PST, PET, Trade Test, Documentation and Medical Examination. However, any candidate found not eligible at later stage in any aspect, his candidature will be cancelled. Admit cards related information for all Phases will be uploaded on website only. Therefore candidates are advised to visit BSF website for upcoming latest information of all Phases.

FORM OF CASTE CERTIFICATE FOR SC/ST

This is to certify that Shri*/Shrimati/ Kumari Son/
 Daughter of Village/Town
 District/Division* of the
 State/Union Territory belongs to the Caste*/Tribe which is
 recognized as a Schedule Caste/Tribe under:-

- * The Constitution Schedule Caste Order, 1950.
- * The Constitution Schedule Tribe Order, 1950.
- * The Constitution (Schedule Tribes) (Union Territories) (Part C States) Order, 1951; [As amended by the Schedule Castes and Scheduled Tribes List (Modification Order, 1956, the Bombay Reorganization Act, 1960, the Punjab Reorganization Act, 1966, the State of Himachal Pradesh Act, 1970, the North Eastern Areas (Reorganization) Act, 1971 and the Schedule Castes and Scheduled Tribes Order (Amendment) Act, 1976.]
- * The Constitution (Jammu and Kashmir)* Scheduled Caste Orders, 1956.
- * The Constitution (Andaman and Nicobar Islands)* Scheduled Tribes Order, 1959, as amended by the Scheduled Castes and Scheduled Tribes Orders (Amendment) Act, 1976.
- * The Constitution (Dadra and Nagar Haveli)* Scheduled Castes Order, 1962.
- * The Constitution (Dadra and Nagar Haveli)* Scheduled Tribes Order, 1962.
- * The Constitution (Pondicherry) Scheduled Castes Order, 1964.
- * The Constitution (Uttar Pradesh) Scheduled Tribes Order, 1967.
- * The Constitution (Goa, Daman and Diu) Scheduled Castes Order, 1968.
- * The Constitution (Goa, Daman and Diu) Scheduled Tribes Order, 1968.
- * The Constitution (Nagaland) Scheduled Tribes Order, 1970.
- * The Constitution (Sikkim) Scheduled Caste Order, 1978.
- * The Constitution (Sikkim) Scheduled Tribes Order, 1978.
- * The Constitution (Jammu and Kashmir) Scheduled Tribes Order, 1989.
- * The Constitution (SC) Orders (Amendment) Act, 1990.
- * The Constitution (ST) Orders (Amendment) Ordinance Act, 1991.
- * The Constitution (ST) Orders (Amendment) Ordinance Act, 1996.
- * The Constitution (Scheduled Castes) Orders (Amendment) Act, 2002.
- * The Constitution (Scheduled Castes) Orders (Second Amendment) Act, 2002.
- * The Scheduled Castes and Scheduled Tribes Orders (Amendment) Act, 2002.

2. Applicable in the case of Scheduled Castes/Scheduled Tribes persons who have migrated from one State/Union Territory Administration.

This certificate is issued on the basis of the Scheduled Castes/Scheduled Tribes Certificate issued to Shri /Shrimati* father/
 mother* of Shri/Shrimati/Kumari
 of Village/Town* in District/
 Division* of the State/Union Territory*
 who belongs to the Caste*/Tribe
 which is recognized as a Scheduled Caste/Scheduled Tribe in the State/Union Territory*
 issued by the dated

3. Shri/Shrimati/Kumari* and/or* his/her* family ordinarily reside(s) in Village/Town*
 District/Division* of the State/Union Territory* of

Place

Signature

Date.....

Designation

(with seal of Office)

State/Union Territory.....

* Please delete the words, which are not applicable.

@ Please quote specific Presidential Order.

% Delete the Paragraph, which is not applicable.

Note : (a) The term 'ordinarily reside'(s) used here will have the same meaning as in Section 20 of the Representation of the People Act, 1950.

The following Officers are authorized to issue caste certificate:-

1. District Magistrate/Additional District Magistrate/ Collector/ Deputy Commissioner/ Additional Deputy Commissioner /Deputy Collector/1* Class Stipendiary Magistrate/ Sub Divisional Magistrate/Taluka Magistrate/ Executive Magistrate/ Extra Assistant Commissioner.
2. Chief Presidency Magistrate /Additional Chief Presidency Magistrate/ Presidency Magistrate.
3. Revenue Officer not below the rank of Tehsildar.
4. Sub-Divisional Officer of the area where the candidate and / or his family normally resides.
5. Certificate issued by Gazetted Officers of the Central or of a State Government countersigned by the District Magistrate concerned.
6. Administrators /Secretary to Administrator (Laccadive, Minicoy and Amindivi Island)

Government of.....
 (Name & Address of the authority issuing the certificate)

INCOME & ASSET CERTIFICATE TO BE PRODUCED BY ECONOMICALLY WEAKER SECTIONS (EWS)

Certificate No.....
 Dated:

VALID FOR THE YEAR.....

This is to certify that Shri/Smt/ Kumari.....
 Son/daughter/wife of..... permanent residence of
village, street....., Post office.....
 District.....in the State/Union Territory..... Pin
 Code..... whose photograph is attested below belongs to Economically
 Weaker Section, since the gross annual income* of his/her family** is below Rs.8
 Lakh (Rupees Eight Lakh only) for the financial year His/her family does not
 own or possess any of the following assets***

- I. 5 acres of agriculture land and above;
- II. Residential flat of 1000 sq. ft. and above;
- III. Residential plot of 100 sq. yards and above in notified municipalities;
- IV. Residential plot of 200 sq. yards and above in areas other than the notified municipalities.

2. Shri/Smt./Kumari.....belongs to the..... caste
 which is not recognized as Scheduled Caste, Scheduled Tribe and Other Backward
 Classes (Central List).

Recent passport size
 attested photograph
 of the applicant

Signature with seal of office.....
 Name
 Designation.....

*Note:1:-Income covered all sources i.e. salary, agriculture, business, profession etc.

**Note:2:-The term 'Family' for this purpose include the person, who seeks benefit of reservation, his/her parents and sibling below the age of 18 years as also his/her spouse and children below the age of 18 years.

***Note3:-The property held by a "Family" in different locations or different places/cities have been clubbed while applying the land or property holding test to determine EWS status.

**FORM OF CERTIFICATE TO BE PRODUCED BY OTHER BACKWARD CLASSES
APPLYING FOR APPOINTMENT TO THE POST UNDER GOVERNMENT OF INDIA**

(G.I. Dept. of Per., Public Grievances & Pensions, DOP&T L/No.36036/2/2013-Estt.
(Res.) dated 30th May 2014)

This is to certify that Shri/Smt./Kumarison/ daughter
of..... Village/Town..... in
District/Division.....in the State/Union Territory
..... belongs to the community which is
recognized as a Backward Class under the Government of India, Ministry of Social Justice
& Empowerment's Resolution No..... dated.....

*. Shri/Smt./Kumari and/or his/her family ordinarily reside(s) in
theDistrict/Division of the State/Union
Territory. This is also to certify that he does not belong to the persons / sections (Creamy
layer) mentioned in Column 3 of the Schedule to the Government of India, Department of
Personnel & Training O.M. No.36012/22/93- Estt.(SCT) dated 8.9.1993.**

Dated :

**District Magistrate/
Deputy Commissioner etc.**

SEAL

* The authority issuing the certificate may have to mention the details of Resolution of
Government of India, in which the caste of the candidate is mentioned as OBC.

**As amended from time to time.

Note:-a) The term "Ordinarily" used here will have the same meaning as in Section 20 of
the Representation of the People Act, 1950.

DECLARATION BY OBC CANDIDATE REG NON-CREAMY LAYER STATUS

I.....Son/Daughter of Shri resident
of village/town/cityDistrict/Division
State.....hereby declare that I belong to community
which is recognized as a backward class by the Government of India for the purpose of
reservation in services as per orders contained in DOP&T OM No. 36012/22/93-
Estt.(SCT) dated 08.09.93 which is modified vide O.M No. 36033/3/2013 Estt(Res) dated
13.09.2017. It is also declared that I do not belong to persons/sections (**Creamy Layer**)
mentioned in column 3 of the Schedule to the Government of India.

**Signature of the applicant
(OBC Candidate)**

UNDERTAKING REGARDING SWIMMING FOR THOSE CANDIDATES WHO APPLIED FOR CONSTABLE (CREW) IN BSF WATER WING

I,Son of Shri.....
 resident of village/town/ city.....PO.....
 District.....State.....PIN.....hereby
 declare that I know swimming very well and I can swim 50 mtrs without assistance. I am
 well aware of the fact that if the information given by me is proved not true, I will have to
 face the consequence as per the Law.

Dated :

Place :

Signature of the applicant

FORM OF CERTIFICATE TO BE SUBMITTED BY CANDIDATES THOSE WHO INTEND TO AVAIL RELAXATION IN HEIGHT OR CHEST MEASUREMENT

Certified that Shri S/O Shri is permanent resident of village Post..... Tehsil/Taluka.....District/Division.....ofState.

2. It is further certified that:-

* Residents of entire area mentioned above are considered as (Garhwales, Kumaounies, Dogras, Marathas, Sikkimies) for relaxation in height and chest measurement for recruitment in the Para Military forces of the Union of India.

* He belongs to Himachal Pradesh/Leh & Laddakh/North Eastern States/Kerala/Karnataka/Tamilnadu/Andhra Pradesh/Goa/Union territory of Pondicherry, Lakshadweep, Daman and Diu & Andaman and Nicobar Islands is considered for relaxation in height and chest measurement for recruitment in the Central Armed Police Forces of Union of India.

* He belongs to Tribals/Adivasis Community and is considered for relaxation in height and chest measurement for recruitment in the Para military forces of the Union of India.

Dated :
Place :

**Signature of issuing authority i.e.
District Magistrate/Sub Divisional
Magistrate/Tehsildar (With seal of office)**

* Delete/Strike of whichever is not applicable.

FOR OFFICIAL USE ONLY

RECRUITMENT FOR THE POST OF IN BSF WATER WING EXAM-2024

MEMORANDUM UNFIT

Sub:- Review Medical Examination of candidates found to be UNFIT in Detailed Medical Examination for the post of in BSF Water Wing Exam-2024

Mr./Ms..... Roll No..... is hereby informed that he has been medically examined for recruitment to the post ofin BSF Water Wing Exam-2024 on at and found UNFIT due to the reasons mentioned below:-

- (i)
- (ii)
- (iii)
- (iv)

2. You are hereby informed that you can apply for Review Medical Examination (RME) by signing on the consent form below. RME will be conducted on for which you are required to report at hours.

Date _____ Signature of Medical Officers
 Centre _____ Stamp Name

Counter-signature of the Presiding Officer with Seal

Result of Medical Examination received

Name & Signature of the Candidate

FOR USE OF CANDIDATE ONLY

To **The Presiding Officer of Recruitment Board**

.....
.....

Subject:-APPLICATION FOR REVIEW MEDICAL EXAMINATION

Sir,
I hereby convey my consent for undergoing Review Medical Examination.

Place..... Signature.....
 Date..... Name.....
 Roll No.....

(.....)
Signature of the Presiding Officer with Seal

SYLLABUS OF WRITTEN EXAMINATION FOR SI (MASTER/ENGINE DRIVER)**(Objective type question with multiple choice answers to be answered on OMR Answer Sheet)****Time:-02 Hours**

a) General knowledge & awareness-	25 Marks (25 Question)
b) Reasoning Ability	- 25 Marks (25 Question)
c) Numerical Ability	- 25 Marks (25 Question)
d) Trade Awareness	- 25 Marks (25 Question)
Total	- 100 Marks

STANDARD & SYLLABI OF WRITTEN EXAMINATION FOR SI (MASTER/ENGINE DRIVER) IS AS UNDER:-

General knowledge & awareness	<ul style="list-style-type: none"> i) Current Affairs (Events related to India and its neighboring countries) ii) General Science & Technology iii) Indian constitution iv) Indian History v) Indian Culture vi) Indian Geography vii) General Polity viii) Sports:-Championships/winners/number of players ix) Other Misc issues related to General Knowledge.
Reasoning Ability	<ul style="list-style-type: none"> i) Coding & Decoding. ii) Series (number & alphabet) iii) Figure classification iv) Relationship concepts. v) Distance & directions vi) Visual memory. vii) Spiral orientation. viii) Other basic concepts of reasoning.
Numerical Ability	<ul style="list-style-type: none"> i) Basics (2X2) (3X3) multiplications) squares. ii) Mixed fractions. iii) Averages. iv) Percentages. v) Profit & loss, Discount, Ratio vi) Time & Work vii) Simple interest, compound interest. viii) Simple mensuration.
Trade Awareness [2 nd Class Master Level for SI (Master) only]	<ul style="list-style-type: none"> i) Management of inland vessels under all conditions. ii) Knowledge of storm and distress signals. iii) Knowledge of the compass. iv) The rules of road as regards to both, sailing vessels & mechanically propelled vessels, their regulation, lights, fog and sound signals. v) The marking and use of the lead line. vi) Steps to be taken in the event of vessel grounding. vii) Management of inland vessels under tow or when towed or pushing. viii) Questions on carriage of iron ore, coal, Petroleum Products, cement fly ash & containers. ix) The provisions of the rules made by IWAI in respect of Life Saving and Fire Appliances and Conduct of vessels.

	<p>x) Provisions of the rules with regards to carriage of passengers.</p> <p>xi) Knowledge of Loading Marks and Stability of Inland vessels.</p> <p>xii) Knowledge of Inland Vessels act</p> <p>xiii) Knowledge of GPS, DGPS, VHF, Radar and Echo sounder for safe navigation.</p>
<p>Trade Awareness [1st Class Engine Driver Level for SI (Engine Driver) only]</p>	<p>i) Principles and working of Internal Combustion Engines.</p> <p>ii) Fuel system, lubrication system and cooling system of engines.</p> <p>iii) Valve setting and injector setting of marine engine.</p> <p>iv) Trouble shooting of engines.</p> <p>v) Replacement of various lines and cylinder head of engines with appropriate knowledge of Torque.</p> <p>vi) Overhauling of engine.</p> <p>vii) Adjustment of working path of engine to get optimum efficiency of engine.</p> <p>viii) The provisions of the Inland vessel rules for Life Saving, Fire Appliances and general discipline.</p>

SYLLABUS OF WRITTEN EXAMINATION FOR HC (MASTER/ENGINE DRIVER/WORKSHOP) & CONSTABLE (CREW)

(Objective type question with multiple choice answers to be answered on OMR Answer Sheet)

Time:-02 Hours

a) General knowledge & awareness-	-	35 Marks (35 Question)
b) Reasoning Ability	-	35 Marks (35 Question)
c) Numerical Ability	-	30 Marks (30 Question)
Total	-	100 Marks

STANDARD & SYLLABI OF WRITTEN EXAMINATION FOR HC (MASTER/ ENGINE DRIVER/WORKSHOP) & CONSTABLE (CREW) IS AS UNDER:-

General Knowledge & Awareness	<ul style="list-style-type: none"> i) Current Affairs (Events related to India) ii) Indian Constitution. iii) Indian History and Geography. iv) General Polity. v) Sports: Championships/Winners/Number of Players. vi) Other misc. issues related to General Knowledge.
Reasoning Ability	<ul style="list-style-type: none"> i) Coding & Decoding. ii) Series (number) iii) Alphabet (position based) iv) Relationship concepts. v) Distance & directions. vi) Arithmetic No. series. vii) Other basic concepts of reasoning.
Numerical Ability	<ul style="list-style-type: none"> i) Basics ((2X2) multiplications). ii) Mixed fractions. iii) Averages. iv) Percentages. v) Profit & loss. vi) Time & distance. vii) Simple interest, compound interest. viii) Simple mensuration

SYLLABUS OF TRADE TEST FOR SI (MASTER)**Identification of Parts**

a)	Life raft	j)	Magnetic compass
b)	GPS	k)	Cradles
c)	Radar	l)	Anchor stockless
d)	Echo Sounder	j)	Pneumatic finder
e)	Life Saving Equipments	k)	Anchor chain
f)	Fire fighting Equipments	l)	D- Shackle
g)	Davit	m)	Winch
h)	Inter National Signal Flag O, H, Z, B	n)	Mast
i)	Identification of all navigational lights	o)	Hydrographic Map

Practical

a)	Placing of speed boat / Mechanized / Medium vessel at Jetty.
b)	Removing of Speed Boat / Mechanized / Medium vessel from Jetty.
c)	Placing of Speed Boat / Mechanized / Medium vessel alongside of other boats.
d)	Anchoring of Speed Boat / Mechanized / Medium Vessel in shallow water
e)	Type of steering i.e. Mechanical and Hydraulic

SYLLABUS OF TRADE TEST FOR SI (ENGINE DRIVER)**Identification of Parts**

a)	Gear Box	m)	Life Saving Equipment's
b)	Heat Exchanger	n)	Oil Seal
c)	Fresh Water Pump	o)	Armature
d)	Pressure timing Pump	p)	Carbon Bush
e)	Exhaust Manifold	q)	Inlet Value
f)	Alternator	r)	Outlet value
g)	Overflow line	s)	Piston
h)	Primary Filter	t)	Crank shaft
i)	Secondary Filter	u)	Connection Rod
j)	Hydraulic Tank	v)	Oil Pressure ring
k)	Turbo Charger	w)	Fire fighting Equipment's
l)	Needle Value		

Practical

a)	Starting engine
b)	Emergency Shutdown
c)	Identification of two stroke and four stroke engine
d)	Routine check of engine
e)	Fault finding in Engine
f)	Starting of Diesel Generator Set
g)	Routing check before starting Diesel Generator set.

SYLLABUS OF TRADE TEST FOR HC (MASTER)**Identification of Parts**

a)	Anchor:-Graphical, Den fort & CQR	j)	Compass
b)	Navigation Lights:-Red (Port) & Green (STBD)	k)	Fire Fighting Equipments (Foam type and Dry Chemical powder)
c)	Keel	l)	Lifesaving equipments
d)	Hull	j)	Gauges
e)	Propeller	k)	Pneumatic Finder
f)	Propeller shaft	l)	Railings
g)	Hand Held GPS	m)	Anchor Chain
h)	D-Shackle	n)	Mast
i)	Hydrographic Map	o)	Monkey Deck

Practical

a)	Placing of speed boat at Jetty.
b)	Removing of Speed Boat from Jetty.
c)	Placing of Speed Boat alongside of other boats.
d)	Anchoring of Speed Boat in shallow water
e)	Type knots in ropes:-Figure 8 & Clove Hitche

SYLLABUS OF TRADE TEST FOR HC (ENGINE DRIVER)**Identification of Parts**

a)	Crank Shaft	k)	Needle bearing
b)	Connection rod	l)	Carburetor flout
c)	Gudgeon pin	m)	U J Cross joint
d)	Piston	n)	Self-Starter
e)	Piston ring	o)	Gauges-Temp/Pressure/AMP/ Tachometer
f)	Liner	p)	Sump
g)	Injector	q)	Quick Pinion
h)	Cam Shaft	r)	Fire Fighting Equipments
i)	Push rod	s)	Fuel Injection Pump
j)	Rocket Arm	t)	Roller bearing

Practical

a)	Petrol	Smelling & touch be allowed for candidates
b)	Diesel	-do-
c)	Grease	-do-
d)	M-Oil	-do-
e)	Castrol 2T (Green)	-do-
f)	Starting Engine	
g)	Identification of two stroke and four stroke engine.	
h)	Checking the charge / gravity of Battery	
i)	Routine check of Engine	
j)	Fault finding in Engine.	

SYLLABUS OF TRADE TEST FOR HC (WORKSHOP) MECHANIC (DIESEL & PETROL ENGINE)

Identification of Parts

a)	Crank Shaft	k)	Fuel injection pump
b)	Connecting rod	l)	Roller bearing
c)	Gudgeon pin	m)	Needle bearing
d)	Piston	n)	Carburetor flout
e)	Piston ring	o)	U J Cross Joint
f)	Liner	p)	Self-starter
g)	Injector	q)	Gauges-Temp/Pressure/AMP/ Tachometer
h)	Cam shaft	r)	Sump
i)	Push rod	s)	Quick Pinion
j)	Rocker Arm	t)	Fire Fighting Equipment

Practical

i)	Piston , Gudgeon pin connecting rod assembling
ii)	Fitting of Carburetor
iii)	Idle RPM setting
iv)	Fitting of Spark plug
v)	Fitting of Self starter

SYLLABUS OF TRADE TEST FOR HC (WORKSHOP) ELECTRICIAN

Identification of Parts

a)	Combination pliers	k)	Sodium lamp
b)	Screw Driver	l)	Mercury lamp
c)	Electric tester	m)	MCB
d)	Multi meter	n)	Fuse
e)	Cutting pliers	o)	Starter Switch
f)	Transformer	p)	Main Switch
g)	DC Bulb	q)	UPS
h)	AC Bulb	r)	Electric Switch 15A
i)	CFL	s)	Electric Switch 6A
j)	Halogen lamp	t)	Vdltage Regulator fan

Practical

i)	Shelf starter assembling dissembling	For DC/Auto electrician trade only
ii)	Alternator assembling or dissembling	-do-
iii)	Battery in series and parallel	
iv)	Armature testing	
v)	Field coil testing	
Vi)	Primary coil testing	
vii)	Secondary coil testing	

SYLLABUS OF TRADE TEST FOR HC (WORKSHOP) AIR CONDITIONER TECHNICIAN

Identification of Parts

a)	Compressor	i)	Gauge manifold
b)	Condenser	j)	Flaring tool
c)	Evaporator	k)	Adjustable spanner
d)	Cooling coil	l)	Pipe cutter
e)	Suction pipe	m)	Pulley puller
f)	Thermo state valve	n)	Combination pliers
g)	Screw driver	o)	Nose pliers
h)	Combination pliers	p)	Star screw driver

Practical

i)	Filter cleaning
ii)	Flaring of pipe
iii)	Gas Refilling
iv)	Thermal insulation of the copper pipes
v)	Maintenance of AC unit.

SYLLABUS OF TRADE TEST FOR HC (WORKSHOP) ELECTRONICS

Identification of Parts

a)	Keyboard	m)	MOSEFT
b)	Mouse	n)	Electrolyte capacitor
c)	Monitor	o)	Paper capacitor
d)	Printer	p)	Fuse
e)	CPU	q)	CD
f)	UPS	r)	Relay
g)	1C	s)	Soldering iron
h)	Micro Chip	t)	Flex
i)	Transformer	u)	Solder wire
j)	Resistance	v)	Multi meter
k)	Transistor	w)	Volt meter
l)	Diode	x)	Electric meter

Practical

i)	Soldering of transistor on circuit board
ii)	Measuring of voltage
iii)	Measuring of current
iv)	Measuring of Resistance
v)	Relay Testing
vi)	Diode Testing

SYLLABUS OF TRADE TEST FOR HC (WORKSHOP) MACHINIST

Identification of Parts

a)	Round file	j)	Dye
b)	Triangular file	l)	Cutting tool
c)	Half Round File	m)	Boring tool
d)	Cutter	n)	Outer caliper
e)	Grinder	o)	Inner caliper
f)	Drill Machine	p)	Vernier caliper
g)	Hand drill machine	q)	Micro meter
h)	Drill bits	r)	Thread guage
i)	Tape	s)	Drill Bits

Practical

i)	Straight cutting of rod by using hacksaw.
ii)	Block surface thickness down in a given dimension by using file or machine.
iii)	Straight cutting of pipe by using hacksaw.
iv)	Straight cutting of angle iron by hacksaw.
v)	Straight cutting of metal sheet at least 5 cm by hacksaw.
vi)	Least count of micrometer / vernier caliper.

SYLLABUS OF TRADE TEST FOR HC (WORKSHOP) CARPENTER

Identification of Parts

a)	Hand saw	h)	Outside caliper
b)	Rig saw	i)	Oil stone
c)	Planner	i)	Rough file
d)	Chisel	k)	Triangular file
e)	Measuring tape	l)	Round file
f)	Hand Drill Machine	m)	Pincers
g)	Tri Square		

Practical

i)	Making of T-Joint
ii)	Making of Overlapping point
iii)	Making of Dove Point
iv)	Rivet Joint
v)	15 cm of straight cutting of wooden plank by using handsaw
vi)	Straight cutting of wooden beam by handsaw

SYLLABUS OF TRADE TEST FOR HC (WORKSHOP) PLUMBER

Identification of Parts

a)	Pipe Wrench	i)	Tap
b)	Adjustable Spanner	i)	Solvent (Chemical to pasting PVC pipes.)
c)	Combination pliers	k)	Cotton Waste
d)	Dye	i)	Gate valve
e)	Bend (PVC) or (GI)	m)	Waste pipe
f)	Elbow (PVC) or (GI)	n)	Ball valve
g)	Coupling (GI)	o)	Coupling PVC pasted type
h)	Pipe nipple (GI)		

Practical

i)	Joint the pipe using coupling
ii)	Joint the two PVC pipe of same size by making overlap coupling
iii)	Fitting of tap
iv)	Fitting of valves
v)	Making thread in PVC threaded pipe by using dye.

SYLLABUS OF TRADE TEST FOR CONSTABLE (CREW) ENGINE DRIVER SIDE (GREASER)

i)	To qualify 50 Mtrs swimming test without any assistance
ii)	Identification of parts of Engine (on board)
iii)	Recognition of life saving and firefighting equipment
iv)	Checking of engine oil level
v)	Things to be checked before starting of engine
vi)	Type of knots
vii)	Rowing with Oars/bamboo

SYLLABUS OF TRADE TEST FOR CONSTABLE (CREW) MASTER SIDE (SUKHANI)

i)	To qualify 50 Mtrs swimming test without any assistance.
ii)	Identification of parts of boats (on board)
iii)	Recognition of life saving and firefighting equipments
iv)	Mooring of boat
v)	Anchoring of boat
vi)	Making different types of knots
vii)	Rowing with Oars/Bamboo
viii)	Things to be checked before sailing
ix)	Maintenance of boat