



भारत सरकार,  
कार्मिक, लोक शिकायत तथा पेंशन मंत्रालय,  
कार्मिक एवं प्रशिक्षण विभाग,  
कर्मचारी चयन आयोग,  
ब्लॉक सं-12, केन्द्रीय कार्यालय परिसर,  
लोधी रोड, नई दिल्ली-110003

Government of India,  
Ministry of Personnel, Public Grievances &  
Pensions,  
Department of Personnel and Training,  
Staff Selection Commission,  
Block No. 12, CGO Complex, Lodhi Road,  
New Delhi – 110003.

## **Notice**

### **Junior Engineer (Civil, Mechanical & Electrical) Examination, 2023**

Dates for submission of online applications	26.07.2023 to 16.08.2023
Last date and time for receipt of online applications	16.08.2023 (2300 hours)
Date of 'Window for Application Form Correction' and online payment of Correction Charges.	17.08.2023 to 18.08.2023 (2300 hours)
Tentative schedule of Computer Based Examination(Paper-I)	October, 2023

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

HQ-PPH03(2)/1/2023-PP II: Staff Selection Commission will hold an open competitive examination for recruitment to the posts of Junior Engineer (Civil, Mechanical & Electrical) for Organizations/Offices of the Government of India. The posts are of Group 'B' (Non-Gazetted), Non-Ministerial in Level-6 (Rs 35400-112400/-) of pay matrix of 7<sup>th</sup> Central Pay Commission.

2. **Details of Posts, Essential Educational Qualifications (As on 16.08.2023) and Age Limit (as on 01.08.2023):**

S. No.	Organization	Post	Essential Educational Qualifications	Age limit
1	Border Roads Organization (BRO)	JE (C)	Degree in Civil Engineering from a recognized University/Institute; <b>or</b> (a) Three years Diploma in Civil Engineering from a recognized University/Institute/Board; <b>and</b> (b) Two years working experience in Planning/Execution/Maintenance of Civil Engineering works.	Upto 30 years
		JE (E & M)	Degree in Electrical or Mechanical Engineering from a recognized University/Institute; <b>or</b> (a) Three years Diploma in Electrical/Automobile/Mechanical Engineering	Upto 30 years

			from a recognized University/Institute/ Board; <b>and</b> (b) Two years' experience in Planning/Execution/ Maintenance of Electrical or Mechanical Engineering works.	
2	Central Public Works Department (CPWD)	JE (C)	Diploma in Civil Engineering from a recognized University or Institute.	Upto 32 years
		JE (E)	Diploma in Electrical <b>or</b> Mechanical Engineering from a recognized University or Institute.	Upto 32 years
3	Central Water Commission	JE (C)	Bachelor's Degree <b>or</b> Diploma in Civil Engineering from a recognized University or Institution.	Upto 30 years
		JE (M)	Bachelor's Degree <b>or</b> Diploma in Mechanical Engineering from a recognized University or Institution	Upto 30 years
4	Department of Water Resources, River Development & Ganga Rejuvenation (Brahmaputra Board)	JE (C)	Three years Diploma in Civil Engineering from a recognized University or Institution.	Upto 30 years
5	Farakka Barrage Project (FBP)	JE (C)	Diploma in Civil Engineering from a recognized University or Institute or Board.	Upto 30 years
		JE (M)	Diploma in Mechanical Engineering from a recognized University or Institute or Board.	Upto 30 years
6	Military Engineer Services (MES)	JE (C)	Degree in Civil Engineering from a recognized University; <b>or</b> (a) Three years Diploma in Civil Engineering from a recognized Institute or University or Board; <b>and</b> (b) Two years' experience in Planning, Execution and Maintenance of Civil Engineering works.	Upto 30 years
		JE (E & M)	Degree in Electrical <b>or</b> Mechanical Engineering from a recognized University; <b>or</b> (a) Three years diploma in Electrical <b>or</b> Mechanical Engineering from a recognized Institute or University or Board; <b>and</b> (b) Two years' experience in Planning, Execution and Maintenance of Electrical <b>or</b> Mechanical Engineering Works	Upto 30 years
7	Ministry of Ports, Shipping & Waterways (Andaman Lakshadweep Harbour Works)	JE (C)	Diploma in Civil Engineering from a recognized Institution.	Upto 30 years
		JE (M)	Diploma in Mechanical Engineering from a recognized Institution.	Upto 30 years
8	National Technical Research Organization (NTRO)	JE(C)	Diploma in Civil Engineering from a recognized University/Institution.	Upto 30 years
		JE (E)	Diploma in Electrical Engineering from a recognized University/Institution.	Upto 30 years
		JE (M)	Diploma in Mechanical Engineering from a recognized University/Institution.	Upto 30 years

**Abbreviations used:**

JE(C)=Junior Engineer (Civil), JE(M)=Junior Engineer (Mechanical),  
JE(E)=Junior Engineer (Electrical), JE(E&M)=Junior Engineer  
(Electrical & Mechanical)

- 2.1 The post(s) wherever experience is required, such experience must have been acquired by the candidates after completion of the requisite Educational Qualification (EQ) as specified for the concerned post. Further, internship, training, research experience, etc. obtained during the course of acquiring an educational qualification shall not be considered as the requisite experience for the post(s) applied.
- 2.2 As per UGC (Open and Distance Learning) Regulations, 2017 published in official Gazette on 23-06-2017, under Part-III (8) (v), the programmes in engineering, medicine, dental, nursing, pharmacy, architecture and physiotherapy etc. are not permitted to be offered under Open and Distance Learning mode. However, pursuant to the Hon'ble Supreme Court Order dated 11-03-2019 in MA No. 3092/2018 in W.P. (C) No. 382/2018 titled Mukul Kumar Sharma & others Vs AICTE and others, B. Tech. degree/ diploma in Engineering awarded by IGNOU to the students who were enrolled up to academic year 2009-10 shall be treated as valid, wherever applicable.
- 2.3 All selected candidates called for documents verification by the User Department will be required to produce the requisite certificates such as Mark sheets for all years/semesters of Graduation/ Provisional Certificate/ Degree of Graduation etc., in original, as proof of having acquired the essential educational qualification and experience in respective field, wherever required, on or before the cut-off date, failing which the candidature of such candidates Shall be cancelled by the User Department.
- 2.4 The candidates who are able to prove, by documentary evidence, that the result of the examination of essential educational qualification was declared on or before the cut-off date and he has been declared passed, will also be deemed to meet the essential educational qualification. It is reiterated that the result of essential educational qualification must have been declared by the University/ Institute by the specified date. Mere processing of the result by the University/ Institute by the cut-off date does not fulfill the EQ requirement.

**3. Vacancies: Tentative vacancies are as follows:**

Name of Dept.	Post	SC	ST	OBC	EWS	UR	Total	OH	HH	Others
Border Roads Organization	JE (C)	65	32	116	43	175	431	0	0	0

<b>(For Male candidates only)</b>										
Border Roads Organization <b>(For Male candidates only)</b>	JE (E & M)	8	4	15	6	22	55	0	0	0
Central Public Works Department	JE (C)	78	35	82	32	194	421	6	6	5
Central Public Works Department	JE (E)	15	10	15	10	74	124	2	2	1
Central Water Commission	JE (C)	24	10	34	21	99	188	0	0	4
Central Water Commission	JE (M)	3	1	4	2	13	23	0	0	1
Department of Water Resources, River Development & Ganga Rejuvenation (Brahmaputra Board)	JE (C)	Vacancies to be intimated in due course.								
Farakka Barrage Project	JE (C)	4	1	6	2	2	15	0	0	0
Farakka Barrage Project	JE (M)	0	0	2	0	4	6	0	0	0
Military Engineer Services	JE (C)	4	2	8	3	12	29	0	0	0
Military Engineer Services	JE (E & M)	3	1	5	2	7	18	0	0	0
Ministry of Ports, Shipping & Waterways (Andaman Lakshadweep Harbour Works)	JE (C)	0	0	0	0	7	7	0	0	0
Ministry of Ports, Shipping & Waterways (Andaman Lakshadweep Harbour Works)	JE (M)	0	0	0	0	1	1	0	0	0
National Technical Research Organization	JE(C)	1	0	1		2	4	0	0	0

National Technical Research Organization	JE (E)	1	0	0	0	0	1	0	0	0
National Technical Research Organization	JE (M)	0	0	0	0	1	1	0	0	0
<b>Total</b>		<b>206</b>	<b>96</b>	<b>288</b>	<b>121</b>	<b>613</b>	<b>1324</b>	<b>8</b>	<b>8</b>	<b>11</b>

**Abbreviations used:**

JE(C)=Junior Engineer (Civil), JE(M)=Junior Engineer (Mechanical), JE(E)=Junior Engineer (Electrical), JE(E&M)=Junior Engineer (Electrical & Mechanical)

**4. Reservation and suitability of posts for Persons with Benchmark Disabilities (PwBD):**

4.1 As per extant Government Orders, reservation for Scheduled Castes (SC)/Scheduled Tribes (ST)/Other Backward Classes (OBC)/Economically Weaker Sections (EWSs) and Persons with Benchmark Disabilities (PwBD) has been determined and communicated by the Indenting Organizations/Offices to the Commission.

4.2 The Commission makes selection of candidates pursuant to the vacancies reported by the Indenting Organizations/Offices for aforesaid posts. The Commission does not have any role in deciding the number of vacancies of any Indenting Organizations/Offices. Implementation of reservation policy, maintaining reservation roster and earmarking of vacancies for different categories comes under the exclusive domain of the Indenting Organizations/Offices.

4.3 There is no reservation for Ex- Servicemen (ESM) category candidates since the post of Junior Engineer(s) included in this notice of examination is classified as Group 'B' post. However, benefit of age-relaxation will be admissible to ESM candidates in accordance with Government Orders. The guidelines/rules relating to relaxation admissible to ESM category candidates included in this Notice of Examination are in accordance with the guidelines issued by DoP&T.

**5. Permissible disabilities for Persons with Benchmark Disabilities (PwBDs) candidates:**

5.1 Except for the Border Roads Organization (BRO), the post of Junior Engineer (Civil, Mechanical & Electrical) included in this notice of examination have been identified suitable for following disabilities by Department of Empowerment of Persons with Disabilities (Divyangjan), M/o Social Justice and Empowerment *vide* Notification No. 38-16/2020-DDIII dated 04.01.2021 and as amended from time to time.

Name of Post	Functional Requirement	Suitable Category of Benchmark Disability
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Junior Engineer (Civil)	S, ST, W, BN, L, KC, MF, RW, SE, H, C	a) D, HH b) OA, OL, CP, LC, Dw, AAV, SD(Spinal Deformity) & SI(Spinal Injury) without neurological/limb dysfunction. c) SLD, MI d) MD involving (a) to (c) above
JE (E/M)R	S, ST, BN, L, KC, MF, RW, SE, H, C	a) D, HH b) OA, OL, CP, LC, Dw, AAV, SD(Spinal Deformity) & SI(Spinal Injury) without neurological/limb dysfunction. c) SLD, MI, d) MD involving (a) to (c) above

**Abbreviation used:**

FUNCTIONAL REQUIREMENT: S=Sitting, ST=Standing, W=Walking, BN=Bending, L=Lifting, KC=Kneeling & Crouching, MF=Manipulation with Fingers, RW=Reading & Writing, SE=Seeing, H=Hearing, C=Communication.

**NATURE OF PHYSICAL DISABILITIES:** D=Deaf, HH= Hard of Hearing, OA=One Arm, OL=One Leg, CP=Cerebral Palsy, LC=Leprosy Cured, Dw=Dwarfism, AAV=Acid Attack Victims, SLD= Specific Learning Disability, MI= Mental Illness, MD=Multiple Disabilities.

**Note:1** The suitability of posts for Persons with Benchmark Disability (PwBD) indicated in the table above shall be subject to exemption, if any, obtained by Indenting Organizations/Offices.

**Note:2** The posts of Junior Engineer(Civil, Mechanical and Electrical), included in this notice of examination are not identified suitable for Visually Handicapped (VH) persons.

**5.2** The Physical Efficiency Test, Physical and Medical Standard for the Posts of Junior Engineers in Border Roads Organization (BRO) are annexed at **Schedule**. Candidates applying for the post(s) of Junior Engineer(s) in BRO will satisfy themselves that they fulfill aforesaid standards. The candidates may note that post(s) once allocated as per merit-cum-preference given by the candidates will not be changed subsequently due to failure of the candidates to qualify in these Standards. **It is reiterated that the candidates applying for the post(s) of Junior Engineer(s) in Border Roads Organisation (BRO) should cautiously go through the physical and medical standards required by BRO. The Staff Selection Commission shall not make re-allocation for those candidates whose candidature is cancelled on the ground of non-fulfillment of physical and medical standards.**

**5.3** Only male candidates are eligible for the post(s) of Junior Engineer(s) in the Border Roads Organization (BRO).

**6. Nationality/Citizenship:**

- 6.1** A candidate must be either:
- a citizen of India, or
  - a subject of Nepal, or
  - a subject of Bhutan, or

(d) a person of Indian origin who has migrated from Pakistan, Burma, Sri Lanka, East African countries of Kenya, Uganda, the United Republic of Tanzania (formerly Tanganyika and Zanzibar), Zambia, Malawi, Zaire, Ethiopia and Vietnam with the intention of permanently setting in India.

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

6.3 A candidate in whose case a certificate of eligibility is necessary may be admitted to the examination but the offer of appointment will be given only after the necessary eligibility certificate has been issued to him (hereinafter may be read as 'him/her') by the Government of India.

7. **Age Limit and Age Relaxation:**

7.1 The crucial date for age reckoning is fixed as **01-08-2023** in accordance with the provisions of DoP&T OM No. 14017/70/87-Estt.(RR) dated 14.07.1988.

Requirement of Age for the Posts is as follows:-

For the posts for which age limit is upto 30 years	Candidate must have been born not earlier than 02-08-1993 and not later than 01-08-2005.
For the posts for which age limit is upto 32 years	Candidate must have been born not earlier than 02-08-1991 and not later than 01-08-2005.

7.2 Permissible relaxation in upper age limit prescribed in **para 2** above is in accordance with the provisions of DoP&T OM No. 15012/2/2010-Estt.(D) dated 27.03.2012:

Code	Category	Age-relaxation permissible beyond the upper age limit
01	SC/ST	5 years
02	OBC	3 years
03	PwD (Unreserved)	10 years
04	PwD (OBC)	13 years
05	PwD (SC/ST)	15 years
06	Ex-Servicemen (ESM)	3 years after deduction of the military service rendered from the actual age.
08	Defence Personnel disabled in operation during hostilities with any foreign country or in a disturbed area and released as a consequence thereof.	3 years
09	Defence Personnel disabled in operation during hostilities with any foreign country or in a disturbed area and released as a consequence thereof (SC/ST).	8 years

7.3 Date of Birth filled by the candidate in the online application form and the same recorded in the Matriculation/Secondary Examination Certificate will be accepted by

the Commission for determining the age and no subsequent request for change will be considered or granted and mismatch of date of birth will be a ground for rejection of candidature.

- 7.4 Ex-Servicemen (ESM) who have already secured employment in civil side under Central Government in Group 'C' & 'D' posts on regular basis after availing of the benefits of reservation given to ESM for their re-employment are not eligible for reservation in ESM category and fee concession. However, he/she can avail of the benefit of reservation as ex-serviceman for subsequent employment if he/she immediately after joining civil employment, gives self-declaration/undertaking to the concerned employer about the date-wise details of applications for various vacancies for which he/she had applied for before joining the initial civil employment as mentioned in the OM No. 36034/1/2014-Estt (Res) dated 14<sup>th</sup> August 2014 issued by DoP&T.
- 7.5 The period of "Call up Service" of an Ex-Serviceman in the Armed Forces shall also be treated as service rendered in the Armed Forces for purpose of age relaxation, as per rules.
- 7.6 For any serviceman of the three Armed Forces of the Union to be treated as Ex-Serviceman for the purpose of securing the benefits of reservation, he/she must have already acquired, at the relevant time of submitting his application for the Post/Service the status of Ex-Servicemen otherwise than by way of 'dismissal or discharge on account of misconduct or inefficiency' or be in a position to establish his acquired entitlement by documentary evidence from the competent authority that he/she would complete specified term of engagement from the Armed Forces within the stipulated period of one year from the closing date for receipt of applications. Such candidates must also acquire the status of an Ex-Serviceman within the stipulated period of one year from the closing date of receipt of applications.
- 7.7 **Explanation:** An 'Ex-Serviceman' means a person:
- (i) who has served in any rank whether as a combatant or noncombatant in the Regular Army, Navy and Air Force of the Indian Union, and
    - (a) who either has been retired or relieved or discharged from such service whether at his own request or being relieved by the employer after earning his or her pension,  
or
    - (b) who has been relieved from such service on medical grounds attributable to military service or circumstances beyond his control and awarded medical or other disability pension:  
or
    - (c) who has been released from such service as a result of reduction in establishment.  
or
  - (ii) Who has been released from such service after completing the specific period of engagement, otherwise than at his own request, or by way of dismissal, or discharge on account of misconduct or inefficiency and has been given a gratuity, and includes personnel of the Territorial Army, namely pension holders for continuous embodied service or broken spells of qualifying service.



or

- (iii) Personnel of the Army Postal Service who are part of Regular Army and retired from the Army Postal Service without reversion to their parent service with pension, or are released from the Army Postal Service on medical grounds attributable to or aggravated by military service or circumstances beyond their control and awarded medical or other disability pension.

or

- (iv) Personnel, who were on deputation in Army Postal Service for more than six months prior to the 14<sup>th</sup> April, 1987.

or

- (v) Gallantry award winners of the Armed forces including personnel of Territorial Army.

or

- (vi) Ex-recruits boarded out or relieved on medical ground and granted medical disability pension.

7.8 Age relaxation is not admissible to sons, daughters and dependents of Ex-Servicemen. Therefore, such candidates should not indicate their category as Ex-Servicemen.

## **8 Process of certification and format of certificates:**

8.1 Candidates who wish to be considered against reserved vacancies or seek age-relaxation must submit requisite certificate from the competent authority, in the prescribed format when such certificates are sought by concerned Indenting Organizations/Offices at the time of document verification or at any stage. Otherwise, their claim for SC/ST/OBC/EWS/PwBD/ESM will not be entertained and their candidature will be cancelled. The formats of the certificates are annexed with the Notice of this Examination. The certificate of disability issued under the Persons with Disabilities (Equal Opportunities, Protection of Rights and Full Participation) Act, 1995 (1 of 1996) will also be valid. Certificate(s) in any other format and/or incomplete Certificate(s) are liable not to be accepted.

8.2 Candidates are cautioned that they must ensure that they belong to the category as filled up in the application form and are able to prove the same by furnishing the requisite certificate issued by the competent authority when such certificates are sought by concerned User Organizations/Offices at the time of document verification or at any stage, failing which the candidature of the candidate will be cancelled. If the candidature of a candidate is cancelled by the User Organization/Offices for non-furnishing of the requisite certificate in support of the category filled up in the application form, the candidate would be solely responsible for furnishing false information in the application form and the Commission would not be held responsible in this regard. Further it should be noted that any grievance received in this regard in any form like Post, Fax, Email, by hand, etc. shall not be entertained by the Commission and will be summarily rejected.

*For example, a candidate X filled OBC in his application form. If X is unable to produce the OBC certificate as per the notice of examination at the time of Document verification or at any stage before the User Organization/Office, in such circumstances, candidature of X will be cancelled by the User Organization/Office.*

8.3 The candidates with benchmark disabilities (PwBD) may note that they must select the appropriate PwBD category i.e. OH/HH/PwBD-Others, while filling up the application form as per their certificate of disability

issued by the competent authority. No subsequent changes of PwBD category will be allowed under any circumstances. Such candidates shall have to furnish the requisite certificate issued by the competent authority when such certificates are sought by concerned User Organizations/Offices at the time of document verification or at any stage, failing which their candidature will be cancelled. It may be noted that sub-category/sub-categories of disability/disabilities (such as OA, OL, BL, Dw, MI, SLD etc.), as indicated in the Notification No. 38-16/2020-DD-III dated 04.01.2021 issued by Department of Empowerment of Persons with Disabilities, should be clearly mentioned by the competent authority issuing the disability certificate. If the candidature of a candidate is cancelled by the User Organization/Offices for non-furnishing of the requisite certificate in support of the category filled up in the application form, the candidate would be solely responsible for furnishing false information in the application form and the Commission would not be held responsible in this regard. Further it should be noted that any grievance received in this regard in any form like Post, Fax, Email, by hand, etc. shall not be entertained by the Commission and will be summarily rejected.

- 8.4 A person seeking appointment on the basis of reservation to EWS must ensure that he/she possesses the Income & Asset certificate valid for the financial year 2023-24 issued on the basis of income for the financial year 2022-23 in accordance with the DoP&T OM No. 36039/1/2019-Estt(Res.) dated 31.01.2019.
- 8.5 Candidates may also note that their candidature will remain provisional until the veracity of the certificates/documents relating to the Educational Qualifications, Caste/Category, etc. is verified and found satisfactory by the Appointing Authority. Candidates are cautioned that they will be debarred from the examinations conducted by the Commission in case they fraudulently claim the status of SC/ST/OBC/EWS/PwBD/ESM.
- 8.6 Crucial date for claim of SC/ST/OBC/EWS/PwBD/ESM status or any other benefit, viz., fee concession, reservation, age-relaxation, etc, where not specified otherwise, will be the closing date for receipt of online applications.

#### **9. Provision of Compensatory Time and Assistance of Scribe:**

- 9.1 In case of persons with benchmark disabilities in the category of blindness, locomotor disability (both arms affected-BA) and cerebral palsy, the facility of scribe is provided, if desired by the candidate. **Since the posts are not identified suitable for persons with blindness and BA, therefore facility of scribe and compensatory time will not be admissible to such candidates.**
- 9.2 In case of remaining categories of persons with benchmark disabilities, the provision of scribe will be available on production of a certificate at the time of examination to the effect that the person concerned has physical limitation to write, and scribe is essential to write examination on his/ her behalf, from the Chief Medical Officer/Civil Surgeon/Medical Superintendent of a Government health care institution as per proforma at **Annexure-I**.
- 9.3 The facility of scribe will also be provided to PwD candidates having disability less than 40% and having difficulty in writing in pursuance to OM No. 29-6/2019-DD-III dated 10.08.2022 issued by Department of Empowerment of Persons with Disabilities, Ministry of Social Justice and Empowerment. The facility will be provided on production of certificate as per **Annexure-IA**.
- 9.4 The facility of scribes/ passage reader will be provided to the PwBD/PwD candidates only if he/she has opted for the same in the online application form.

- 9.5 The candidate will have the discretion of opting for his/ her own scribe or the facility of scribe provided by the Commission. Appropriate choice in this regard will have to be given by the candidate in the online application form.
- 9.6 In case the candidate opts for his own scribe, the qualification of the scribe should be one step below the qualification of the candidate taking the examination. The candidates with benchmark disabilities (PwBD) opting for own scribe shall be required to submit details of the own scribe at the time of examination as per proforma at **Annexure-II**. The candidates with disabilities (PwD) eligible for scribe as per Para 9.3 above and opting for own scribe shall be required to submit details of the own scribe at the time of examination as per proforma at **Annexure-IIA**. In addition, the scribe has to produce a valid ID proof [(as per list given at **para-16.7**)] in original at the time of examination. A photocopy of the ID proof of the scribe signed by the candidate as well as the scribe will be submitted along with proforma at **Annexure-II/ Annexure-IIA**. If subsequently it is found that the qualification of the scribe is not as declared by the candidate, then the candidate shall forfeit his right to the post and claims relating thereto.
- 9.7 If a candidate opts for his own scribe, in that case, that scribe should not be a candidate of this examination. If a candidate is detected appeared or likely to be appeared as scribe of PwBD/PwD candidate(s) in this examination then the candidature of both the candidates will be cancelled.
- 9.8 A compensatory time of 20 minutes per hour of examination will be provided to the candidates who are allowed use of scribe as described at **para 9.1, 9.2 and 9.3** above.
- 9.9 The candidates referred to at **para 9.1, 9.2 and 9.3** above, who are eligible for getting scribe but not availing the facility of scribe will also be given compensatory time of 20 minutes per hour of examination.
- 9.10 No attendant other than the scribe for eligible candidates will be allowed inside the examination hall.
- 9.11 The PwBD/PwD candidates who have availed the facility of scribes/passage reader and/or compensatory time must produce relevant documents for the eligibility of scribe/compensatory time at the time of Document Verification conducted by User Department. Failure to produce such supporting documents will lead to cancellation of their candidature for the examination.

#### 10 **How to Apply and Application Fee:**

- 10.2 Applications must be submitted only in online mode at the official website of SSC Headquarters; *i.e.*, <https://ssc.nic.in>. For detailed instructions, please refer to **Annexure-III** and **Annexure-IV** of this Notice. Sample proforma of One-time Registration and online Application Forms are attached as **Annexure-IIIA** and **Annexure-IVA**.
- 10.3 In the online Application Form, candidates are required to upload the scanned colour passport size photograph in JPEG/JPG format (20 KB to 50 KB). Image dimension of the photograph should be about 3.5 cm (width) x 4.5 cm (height). In compliance of the

Order dated 05.03.2020 of Hon'ble Supreme Court in the matter of Shantanu Kumar & Ors. [Writ Petition (C) No.234 of 2018], the photograph of the candidate should not be more than three months old from the date of publication of notice of the examination. The Photograph should be without cap and spectacles. The frontal view of the face should be clearly visible.

- 10.4 Before submitting the Application Form, candidate must ensure that the photograph is uploaded as per the given instructions. If the photograph is not uploaded by the candidate in the desired format, his application/ candidature will be rejected or cancelled. Specimen of photographs delineating photograph acceptable/photograph not acceptable is also given at **Annexure-XV**.
- 10.5 Scanned signature in JPEG/JPG format (10 to 20 KB). Image dimension of the signature should be about 4.0 cm (width) x 2.0 cm (height). Applications with blurred signature will be rejected.
- 10.6 Last date and time for submission of online applications is **16.08.2023 (2300 hours)**.
- 10.7 Candidates are advised in their own interest to submit online applications much before the closing date and not to wait till the last date to avoid the possibility of disconnection/inability or failure to login to the SSC website on account of heavy load on the website during the closing days.
- 10.8 The Commission will not be responsible for the candidates not being able to submit their applications within the last date on account of the aforesaid reasons or for any other reason beyond the control of the Commission.
- 10.9 Before submission of the online application, candidates must check through Preview/Print option that they have filled correct details in each field of the application form.
- 10.10 Fee payable: Rs 100/- (Rs one hundred only).
- 10.11 Women candidates and candidates belonging to Scheduled Castes (SC), Scheduled Tribes (ST), Persons with Benchmark disabilities (PwBD) and Ex-Servicemen eligible for reservation are exempted from payment of fee.
- 10.12 Fee can be paid only through online payment modes, namely BHIM UPI, Net Banking, or by using Visa, MasterCard, Maestro, or RuPay Credit or Debit card.
- 10.13 Candidates must ensure that their online payment has been successfully made to SSC. If the fee is not received by SSC, status of Application Form is shown as '**Incomplete**' and this information is printed on the top of the

Application Form. Further, status of fee payment can be verified at the 'Payment Status' link provided in the candidate's login screen. Such applications which remain incomplete due to non-receipt of fee will be SUMMARILY REJECTED and no request for consideration of such applications and fee payment after the period specified in the Notice of Examination shall be entertained.

10.14 Fee once paid shall not be refunded under any circumstances nor will it be adjusted against any other examination or selection.

11 **Window for Application Form Correction [17.08.2023 to 18.08.2023 (2300 hours)]:**

11.2 After the closing date for receipt of online applications, the Commission will provide a period of 02 days to enable candidates to correct/modify online application parameters, wherein candidates will be allowed to re-submit applications after making requisite corrections/changes in the one-time registration/online application data as per their requirement.

11.3 A candidate will be allowed to correct and re-submit his modified/corrected application two times during the 'Window for Application Form Correction' i.e. if he has made mistake in his updated application also, he will be allowed to re-submit one more modified/corrected application after making requisite corrections/modifications. No more corrections in the application form will be allowed under any circumstances.

11.4 Only those candidates will be allowed to make corrections in the application form, whose completed online applications along-with payment of requisite fee, have been received by the Commission within the specified period.

11.5 Subject to the receipt of applicable correction charges, the latest modified/corrected application will be treated as the valid one and the previous application(s) submitted by such candidates will be cancelled.

11.6 The Commission will levy a uniform correction charges of ₹ 200/- for making correction and re-submitting modified/corrected application for the first time and ₹ 500/- for making correction and re-submitting modified/ corrected application for the second time. The correction charges will be applicable to all candidates irrespective of their gender/category.

11.7 If the applicable correction charges are not received by the SSC, status of Application Form is shown as 'Incomplete' and this information is printed on the top of the Application Form printout. Such application shall not be accepted and the previously submitted application will remain valid.

11.8 The correction charges can be made only through online payment modes, namely BHIM UPI, Net Banking, or by using Visa, MasterCard, Maestro, or RuPay Credit or Debit card.

11.9 The correction charges once paid shall not be refunded under any circumstances nor will it be adjusted against any other examination or selection.

11.10 Before submission of the corrected application, candidates must check that they have filled correct details in each field of the form. After expiry of 'Window for Application Form Correction', no change/correction/modification will be allowed under any circumstances. Requests received in this regard in any form like Post, Fax, Email, by hand, etc. shall not be entertained by the Commission and will be summarily rejected.

12. **Centres of Examination:**

12.1 A candidate must indicate the Centre(s) in the online Application from where he/she desires to take the examination. Details about the Examination Centres and Regional Offices under whose jurisdiction these Examination Centres are located are as follows:

S. No	Examination Centres & Centre Code	SSC Region and States/ UTs under the jurisdiction of the Region	Address of the Regional Offices/ Website
1	Bhagalpur (3201), Darbhanga (3202), Muzaffarpur (3205), Patna (3206), Purnea (3209), Agra (3001), Bareilly (3005), Gorakhpur (3007), Jhansi (3008), Kanpur (3009), Lucknow (3010), Meerut (3011), Prayagraj (3003), Varanasi (3013). Sitapur(3019), Gaya (3203)	<b>Central Region (CR)/</b> Bihar and Uttar Pradesh	Regional Director (CR), Staff Selection Commission, 34-A, Mahatma Gandhi Marg, Civil lines, KendriyaSadan, Prayagraj - 211001. <b><u>(<a href="http://www.ssc-cr.org">http://www.ssc-cr.org</a>)</u></b>
2	Port Blair (4802), Dhanbad (4206), Jamshedpur (4207), Ranchi (4205), Balasore (4601), Behrampur-Ganjam (4602), Bhubaneswar (4604), Cuttack (4605), Kalyani (4419), Rourkela (4610), Sambalpur (4609), Gangtok (4001), Asansol (4417), Kolkata (4410), Siliguri (4415), Burdwan (4422), Durgapur (4426).	<b>Eastern Region (ER)/</b> Andaman & Nicobar Islands, Jharkhand, Odisha, Sikkim and West Bengal	Regional Director (ER), Staff Selection Commission, 1 <sup>st</sup> MSO Building,(8 <sup>th</sup> Floor), 234/4, Acharya Jagadish Chandra Bose Road, Kolkata, West Bengal-700020 <b><u>(<a href="http://www.sscer.org">www.sscer.org</a>)</u></b>
3	Belagavi (9002), Bengaluru (9001), Hubballi (9011), Kalaburagi (Gulbarga) (9005), Mangaluru (9008), Mysuru (9009), Shivamogga (9010), Udupi (9012), Ernakulam (9213), Kollam (9210), Kottayam (9205), Kozhikode (9206), Thiruvananthapuram (9211), Thrissur (9212). Kavaratti(9401)	<b>Karnataka, Kerala Region (KKR)/</b> Karnataka, Kerala and Lakshadweep.	Regional Director (KKR), Staff Selection Commission, 1 <sup>st</sup> Floor, "E" Wing, KendriyaSadan, Koramangala, Bengaluru, Karnataka-560034 <b><u>(<a href="http://www.ssckkr.kar.nic.in">www.ssckkr.kar.nic.in</a>)</u></b>

4	Bhopal (6001), Gwalior (6005), Indore(6006), Jabalpur(6007), Satna(6014) Sagar(6015), Ujjain(6016) Bilaspur (6202), Raipur (6204), Durg - Bhilai ( 6 2 0 5 )	<b>Madhya Pradesh Region (MPR)/</b> Chhattisgarh and Madhya Pradesh	Dy. Director (MPR), Staff Selection Commission, 5th Floor, Investment Building, LIC Campus-2, Pandri, Raipur Chhattisgarh-492004 <b><a href="http://www.sscmpr.org">www.sscmpr.org</a></b>
5	Itanagar (5001), Dibrugarh (5102), Guwahati (Dispur) (5105), Jorhat (5107), Silchar (5111), Tejpur (5112), Imphal (5501), Shillong (5401), Aizwal (5701), Kohima (5302), Agartala (5601).	<b>North Eastern Region (NER)/</b> Arunachal Pradesh, Assam, Manipur, Meghalaya, Mizoram, Nagaland and Tripura.	Regional Director (NER), Staff Selection Commission, Housefed Complex, Last Gate, Beltola-Basistha Road, P. O. Assam Sachivalaya, Dispur, Guwahati, Assam-781006 <b><a href="http://www.sscner.org.in">www.sscner.org.in</a></b>
6	Delhi NCR (2201), Ajmer (2401), Bikaner (2404), Jaipur (2405), Jodhpur (2406), Sikar (2411), Udaipur (2409), Dehradun (2002), Haldwani (2003), Roorkee (2006).	<b>Northern Region (NR)/</b> Delhi, Rajasthan and Uttarakhand	Regional Director (NR), Staff Selection Commission, Block No. 12, CGO Complex, Lodhi Road, New Delhi-110003 <b><a href="http://www.sscnr.net.in">www.sscnr.net.in</a></b>
7	Chandigarh (1601), Hamirpur (1202), Shimla (1203), Jammu (1004), Leh (1005), Samba (1010), Srinagar (J&K) (1007), Bathinda(1401) Amritsar (1404), Jalandhar (1402), Patiala (1403).	<b>North Western Region (NWR)/</b> Chandigarh, Haryana, Himachal Pradesh, Jammu and Kashmir, Ladakh and Punjab	Dy. Director (NWR), Staff Selection Commission, Block No. 3, Ground Floor, KendriyaSadan, Sector-9, Chandigarh-160009 <b><a href="http://www.sscnwr.org">www.sscnwr.org</a></b>
8	Chirala (8011), Guntur (8001), Kakinada (8009), Kurnool (8003), Nellore (8010), Rajahmundry (8004), Tirupati (8006), Vijaywada (8008), Vishakhapatnam (8007), Vizianagaram (8012), Puducherry (8401), Chennai (8201), Coimbatore (8202), Madurai (8204), Salem (8205), Tiruchirapalli (8206), Tirunelveli (8207), Vellore (8208), Hyderabad (8601), Karimnagar (8604), Warangal (8603).	<b>Southern Region (SR)/</b> Andhra Pradesh, Puducherry, Tamil Nadu and Telangana.	Regional Director (SR), Staff Selection Commission, 2 <sup>nd</sup> Floor, EVK Sampath Building, DPI Campus, College Road, Chennai, Tamil Nadu-600006 <b><a href="http://www.sscsr.gov.in">www.sscsr.gov.in</a></b>

9	Panaji (7801), Ahmedabad (7001), Anand (7011), Gandhinagar (7012), Mehsana (7013), Rajkot (7006), Surat (7007), Vadodara (7002), Amravati (7201), Aurangabad (7202), Jalgaon (7214), Kolhapur (7203), Mumbai (7204), Nagpur (7205), Nanded (7206), Pune (7208).	<b>Western Region (WR)/</b> Dadra and Nagar Haveli and Daman and Diu, Goa, Gujarat and Maharashtra	Regional Director (WR), Staff Selection Commission, 1 <sup>st</sup> Floor, South Wing, Pratishta Bhawan, 101, Maharshi Karve Road, Mumbai, Maharashtra-400020 <b>(<a href="http://www.sscwr.net">www.sscwr.net</a>)</b>
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12.2 A candidate may give option for three centres, in the order of priority, within the same region. No request for change of Centre of Examination will be considered later under any circumstances. Hence, the candidates should select the centers, carefully and indicate the same correctly in their applications.

12.3 The Commission reserves the right to cancel any Centre and ask the candidates of that centre to appear from another centre. Commission also reserves the right to divert candidates of any centre to some other Centre to take the examination.

12.4 The Regional Office, having jurisdiction over the Examination Centres opted by the candidate, will issue Admission Certificate to the candidate for the examinations. All other activities related to this recruitment will be handled by the said Regional Office.

13. **Scheme of Examination:**

13.1 The Computer Based Examination will be conducted in two papers as indicated below:

13.1.1 Paper-I

13.1.2 Paper-II

Papers	Mode of Examination	Subject	No of Questions/ Max. Marks	Duration
Paper-I	Computer Based Examination	(i) General Intelligence and Reasoning	50/50	2 Hours (2 hours and 40 minutes for the candidates who are eligible for scribe as per <b>Para-9.1, 9.2 and 9.3</b> )
		(ii) General Awareness	50/50	
		(iii) Part-A: General Engineering (Civil & Structural) or Part-B: General Engineering (Electrical) or Part-C: General Engineering (Mechanical)	100/100	



Paper-II	Computer Based Examination	Part-A: General Engineering (Civil & Structural) or Part-B: General Engineering (Electrical) or Part-C: General Engineering (Mechanical)	100/300	2 Hours (2 hours and 40 minutes for the candidates who are eligible for scribe as per <b>Para-9.1, 9.2 and 9.3</b> )
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- 13.2 The candidates will be required to attempt the General Engineering part (i.e. Part-A, Part-B or Part-C) in Paper-I and Paper-II, which has been selected by them, on the basis of their Educational Qualification, in the online application form. In other words, the candidates appearing for the post of Junior Engineer (Civil) are required to attempt Part-A (Civil & Structural) of Paper-I and Paper-II and the candidates appearing for the post of Junior Engineer (Electrical) are required to attempt Part-B (Electrical) and the candidates appearing for the post of Junior Engineer (Mechanical) are required to attempt Part-C (Mechanical) of Paper-I and Paper-II failing which their candidature will be rejected.
- 13.3 The Paper-I & Paper-II will consist of Objective Type, Multiple choice questions only. The questions will be set both in Hindi & English.
- 13.4 Questions in both papers will be of Objective Multiple Choice Type. Questions will be set in Hindi and English in Parts-I, II and III of Paper-I and Paper-II. **There will be negative marking equal to one-third of the marks allotted to the question for each wrong answer in Paper-I & Paper-II.** Candidates are, therefore, advised to keep this in mind while answering the questions.
- 13.5 Candidates are allowed to bring their own Slide-Rule, Calculator, Logarithm Table and Steam Table for Paper-II only. They are not allowed for using such aids for Paper-I.
- 13.6 Tentative Answer Keys of Paper-I and Paper-II will be placed on the website of the Commission after the Examination. Candidates may go through the Answer Keys and submit online representations, if any, within the time limit given by the Commission, on payment of Rs. 100/- per question which is non-refundable. Representations on the matter received through any other modalities; i.e., letter, application, email, etc. will not be entertained.
- 13.7 Marks scored by candidates in Computer Based Examination, if conducted in multiple shifts, will be normalized by using the formula published by the Commission through Notice No: 1-1/2018-P&P-I dated 07-02-2019 and such normalized scores will be used to determine final merit and cut-off marks.
- 13.8 The dates of examinations indicated in the Notice are tentative. Any change in the schedule of examinations will be informed to candidates only through the website of the Commission.
- 13.9 There shall be no provision for re-evaluation/ re-checking of scores of any stage/ paper(s) of the Examination. No correspondence in this regard shall be entertained.

#### **14 Indicative Syllabus**

- 14.1 The standard of the questions in Engineering subjects will be approximately of the level of Diploma in Engineering (Civil/Mechanical/Electrical). The details of the syllabus are given below:

## 14.2 Paper-I:

**14.2.1 General Intelligence & Reasoning:** The Syllabus for General Intelligence would include questions of both verbal and non-verbal type. The test may include questions on analogies, similarities, differences, space visualization, problem solving, analysis, judgment, decision making, visual memory, discrimination, observation, relationship concepts, arithmetical reasoning, verbal and figure classification, arithmetical number series, etc. The test will also include questions designed to test the candidate's abilities to deal with abstract ideas and symbols and their relationships, arithmetical computations and other analytical functions.

**14.2.2 General Awareness:** Questions will be aimed at testing the candidate's general awareness of the environment around him/her and its application to society. Questions will also be designed to test knowledge of current events and of such matters of everyday observations and experience in their scientific aspect as may be expected of any educated person. The test will also include questions relating to India and its neighbouring countries especially pertaining to History, Culture, Geography, Economic Scene, General Polity and Scientific Research, etc. These questions will be such that they do not require a special study of any discipline.

### 14.2.3 General Engineering: Civil & Structural, Electrical and Mechanical:

#### 14.2.3.1 Part-A (Civil Engineering):

Building Materials, Estimating, Costing and Valuation, Surveying, Soil Mechanics, Hydraulics, Irrigation Engineering, Transportation Engineering, Environmental Engineering.

Structural Engineering: Theory of Structures, Concrete Technology, RCC Design, Steel Design.

#### 14.2.3.2 Part-B (Electrical Engineering):

Basic concepts, Circuit law, Magnetic Circuit, AC Fundamentals, Measurement and Measuring instruments, Electrical Machines, Fractional Kilowatt Motors and single phase induction Motors, Synchronous Machines, Generation, Transmission and Distribution, Estimation and Costing, Utilization and Electrical Energy, Basic Electronics.

#### 14.2.3.3 Part-C Mechanical Engineering):

Theory of Machines and Machine Design, Engineering Mechanics and Strength of Materials,

Properties of Pure Substances, 1st Law of Thermodynamics, 2nd Law of Thermodynamics, Air standard Cycles for IC Engines, IC Engine Performance, IC Engines Combustion, IC Engine Cooling & Lubrication, Rankine cycle of System, Boilers, Classification, Specification, Fitting & Accessories, Air Compressors & their cycles, Refrigeration cycles, Principle of Refrigeration Plant, Nozzles & Steam Turbines.

Properties & Classification of Fluids, Fluid Statics, Measurement of Fluid

Pressure, Fluid kinematics, Dynamics of Ideal fluids, Measurement of Flow rate, basic principles, Hydraulic Turbines, Centrifugal Pumps, Classification of steel.

### 15.3 Paper II

#### 15.3.1 Part-A (Civil & Structural Engineering):

**Building Materials:** Physical and Chemical properties, classification, standard tests, uses and manufacture/quarrying of materials e.g. building stones, silicate based materials, cement (Portland), asbestos products, timber and wood based products, laminates, bituminous materials, paints, varnishes.

**Estimating, Costing and Valuation:** estimate, glossary of technical terms, analysis of rates, methods and unit of measurement, Items of work – earthwork, Brick work (Modular & Traditional bricks), RCC work, Shuttering, Timber work, Painting, Flooring, Plastering, Boundary wall, Brick building, Water Tank, Septic tank, Bar bending schedule, Centre line method, Mid-section formula, Trapezoidal formula, Simpson's rule, Cost estimate of Septic tank, flexible pavements, Tube well, isolates and combined footings, Steel Truss, Piles and pile-caps. Valuation – Value and cost, scrap value, salvage value, assessed value, sinking fund, depreciation and obsolescence, methods of valuation.

**Surveying:** Principles of surveying, measurement of distance, chain surveying, working of prismatic compass, compass traversing, bearings, local attraction, plane table surveying, theodolite traversing, adjustment of theodolite, Levelling, Definition of terms used in levelling, contouring, curvature and refraction corrections, temporary and permanent adjustments of dumpy level, methods of contouring, uses of contour map, tachometric survey, curve setting, earth work calculation, advanced surveying equipment

**Soil Mechanics:** Origin of soil, phase diagram, Definitions-void ratio, porosity, degree of saturation, water content, specific gravity of soil grains, unit weights, density index and interrelationship of different parameters, Grain size distribution curves and their uses Index properties of soils, Atterberg's limits, ISI soil classification and plasticity chart Permeability of soil, coefficient of permeability, determination of coefficient of permeability, Unconfined and confined aquifers, effective stress, quick sand, consolidation of soils, Principles of consolidation, degree of consolidation, pre-consolidation pressure, normally consolidated soil, e-log p curve, computation of ultimate settlement Shear strength of soils, direct shear test, Vane shear test, Triaxial test Soil compaction, Laboratory compaction test, Maximum dry density and optimum moisture content, earth pressure theories, active and passive earth pressures, Bearing capacity of soils, plate load test, standard penetration test

**Hydraulics:** Fluid properties, hydrostatics, measurements of flow, Bernoulli's theorem and its application, flow through pipes, flow in open channels, weirs, flumes, spillways, pumps and turbines

**Irrigation Engineering:** Definition, necessity, benefits, 2II effects of

irrigation, types and methods of irrigation, Hydrology – Measurement of rainfall, run off coefficient, rain gauge, losses from precipitation – evaporation, infiltration, etc Water requirement of crops, duty, delta and base period, Kharif and Rabi Crops, Command area, Time factor, Crop ratio, Overlap allowance, Irrigation efficiencies Different type of canals, types of canal irrigation, loss of water in canals Canal lining

– types and advantages Shallow and deep to wells, yield from a well Weir and barrage, Failure of weirs and permeable foundation, Slit and Scour, Kennedy's theory of critical velocity Lacey's theory of uniform flow Definition of flood, causes and effects, methods of flood control, water logging, preventive measure Land reclamation, Characteristics of affecting fertility of soils, purposes, methods, description of land and reclamation processes Major irrigation projects in India

**Transportation Engineering:** Highway Engineering – cross sectional elements, geometric design, types of pavements, pavement materials – aggregates and bitumen, different tests, Design of flexible and rigid pavements – Water Bound Macadam (WBM) and Wet Mix Macadam (WMM), Gravel Road, Bituminous construction, Rigid pavement joint, pavement maintenance, Highway drainage, Railway Engineering- Components of permanent way – sleepers, ballast, fixtures and fastening, track geometry, points and crossings, track junction, stations and yards Traffic Engineering – Different traffic survey, speed-flow-density and their interrelationships, intersections and interchanges, traffic signals, traffic operation, traffic signs and markings, road safety

**Environmental Engineering:** Quality of water, source of water supply, purification of water, distribution of water, need of sanitation, sewerage systems, circular sewer, oval sewer, sewer appurtenances, sewage treatments Surface water drainage Solid waste management – types, effects, engineered management system Air pollution – pollutants, causes, effects, control Noise pollution – cause, health effects, control

**Structural Engineering:**

**Theory of structures:** Elasticity constants, types of beams – determinate and indeterminate, bending moment and shear force diagrams of simply supported, cantilever and over hanging beams Moment of area and moment of inertia for rectangular & circular sections, bending moment and shear stress for tee, channel and compound sections, chimneys, dams and retaining walls, eccentric loads, slope deflection of simply supported and cantilever beams, critical load and columns, Torsion of circular section

**Concrete Technology:** Properties, Advantages and uses of concrete, cement aggregates, importance of water quality, water cement ratio, workability, mix design, storage, batching, mixing, placement, compaction, finishing and curing of concrete, quality control of concrete, hot weather and cold weather concreting, repair and maintenance of concrete structures

**RCC Design:** RCC beams-flexural strength, shear strength, bond strength, design of singly reinforced and double reinforced beams,

cantilever beams T-beams, lintels One way and two way slabs, isolated footings Reinforced brick works, columns, staircases, retaining wall, water tanks (RCC design questions may be based on both Limit State and Working Stress methods)

**Steel Design:** Steel design and construction of steel columns, beams roof trusses plate girders

### 15.3.2 **Part-B (Electrical Engineering):**

**Basic concepts:** Concepts of resistance, inductance, capacitance, and various factors affecting them Concepts of current, voltage, power, energy and their units

**Circuit law:** Kirchhoff's law, Simple Circuit solution using network theorems

**Magnetic Circuit:** Concepts of flux, mmf, reluctance, Different kinds of magnetic materials, Magnetic calculations for conductors of different configuration e.g. straight, circular, solenoidal, etc Electromagnetic induction, self and mutual induction

**AC Fundamentals:** Instantaneous, peak, RMS and average values of alternating waves, Representation of sinusoidal wave form, simple series and parallel AC Circuits consisting of RL and C, Resonance, Tank Circuit Poly Phase system - star and delta connection, 3 phase power, DC and sinusoidal response of R-L and R-C circuit

**Measurement and measuring instruments:** Measurement of power (1 phase and 3 phase, both active and re-active) and energy, 2 wattmeter method of 3 phase power measurement, Measurement of frequency and phase angle Ammeter and voltmeter (both moving oil and moving iron type), extension of range wattmeter, Multimeters, Megger, Energy meter AC Bridges Use of CRO, Signal Generator, CT, PT and their uses Earth Fault detection

**Electrical Machines :** (a) DC Machine – Construction, Basic Principles of DC motors and generators, their characteristics, speed control and starting of DC Motors Method of braking motor, Losses and efficiency of DC Machines (b) 1 phase and 3 phase transformers – Construction, Principles of operation, equivalent circuit, voltage regulation, OC and SC Tests, Losses and efficiency Effect of voltage, frequency and wave form on losses Parallel operation of 1 phase /3 phase transformers Auto transformers (c) 3 phase induction motors, rotating magnetic field, principle of operation, equivalent circuit, torque-speed characteristics, starting and speed control of 3 phase induction motors Methods of braking, effect of voltage and frequency variation on torque speed characteristics

Fractional Kilowatt Motors and Single Phase Induction Motors: Characteristics and applications

**Synchronous Machines** - Generation of 3-phase emf armature reaction, voltage regulation, parallel operation of two alternators, synchronizing, control of active and reactive power Starting and applications of synchronous motors

**Generation, Transmission and Distribution** – Different types of power stations, Load factor, diversity factor, demand factor, cost of generation, inter-connection of power stations Power factor improvement, various types of tariffs, types of faults, short circuit current for symmetrical faults Switchgears – rating of circuit breakers, Principles of arc extinction by oil and air, HRC Fuses, Protection against earth leakage / over current, etc Buchholtz relay, Merz-Price system of protection of generators & transformers, protection of feeders and bus bars Lightning arresters, various transmission and distribution system, comparison of conductor materials, efficiency of different system Cable – Different type of cables, cable rating and derating factor

**Estimation and costing** : Estimation of lighting scheme, electric installation of machines and relevant IE rules Earthing practices and IE Rules

**Utilization of Electrical Energy** : Illumination, Electric heating, Electric welding, Electroplating, Electric drives and motors

**Basic Electronics** : Working of various electronic devices e.g. P N Junction diodes, Transistors (NPN and PNP type), BJT and JFET Simple circuits using these devices

### 15.3.3 **Part- C (Mechanical Engineering):**

#### **Theory of Machines and Machine Design:**

Concept of simple machine, Four bar linkage and link motion, Flywheels and fluctuation of energy, Power transmission by belts – V-belts and Flat belts, Clutches – Plate and Conical clutch, Gears – Type of gears, gear profile and gear ratio calculation, Governors – Principles and classification, Riveted joint, Cams, Bearings, Friction in collars and pivots

#### **Engineering Mechanics and Strength of Materials:**

Equilibrium of Forces, Law of motion, Friction, Concepts of stress and strain, Elastic limit and elastic constants, Bending moments and shear force diagram, Stress in composite bars, Torsion of circular shafts, Buckling of columns–Euler's and Rankin's theories, Thin walled pressure vessels

#### **Thermal Engineering:**

**Properties of Pure Substances:** p-v & P-T diagrams of pure substance like H<sub>2</sub>O, Introduction of steam table with respect to steam generation process; definition of saturation, wet & superheated status Definition of dryness fraction of steam, degree of superheat of steam H-s chart of steam (Mollier's Chart)

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**1st Law of Thermodynamics:** Definition of stored energy & internal energy, 1st Law of Thermodynamics of cyclic process, Non Flow Energy Equation, Flow Energy & Definition of Enthalpy, Conditions for Steady State Steady Flow; Steady State Steady Flow Energy Equation

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**2nd Law of Thermodynamics:** Definition of Sink, Source Reservoir of Heat, Heat Engine, Heat Pump & Refrigerator; Thermal Efficiency of Heat Engines & co-efficient of performance of Refrigerators, Kelvin – Planck & Clausius Statements of 2<sup>nd</sup> Law of Thermodynamics, Absolute or Thermodynamic Scale of temperature, Clausius Integral, Entropy, Entropy change calculation of ideal gas processes Carnot Cycle & Carnot Efficiency, PMM-2; definition & its impossibility

**Air standard Cycles for IC engines:** Otto cycle; plot on P-V, T-S Planes; Thermal Efficiency, Diesel Cycle; Plot on P-V, T-S planes; Thermal efficiency.

IC Engine Performance, IC Engine Combustion, IC Engine Cooling & Lubrication

**Rankine cycle of steam:** Simple Rankine cycle plot on P-V, T-S, h-s planes, Rankine cycle efficiency with & without pump work

Boilers; Classification; Specification; Fittings & Accessories: Fire Tube & Water Tube Boilers

Air Compressors & their cycles; Refrigeration cycles; Principle of a Refrigeration Plant; Nozzles & Steam Turbines

**Fluid Mechanics & Machinery:**

**Properties & Classification of Fluid:** ideal & real fluids, Newton's law of viscosity, Newtonian and Non-Newtonian fluids, compressible and incompressible fluids

**Fluid Statics:** Pressure at a point

**Measurement of Fluid Pressure:** Manometers, U-tube, Inclined tube

**Fluid Kinematics:** Stream line, laminar & turbulent flow, external & internal flow, continuity equation

**Dynamics of ideal fluids:** Bernoulli's equation, Total head; Velocity head; Pressure head; Application of Bernoulli's equation

**Measurement of Flow rate Basic Principles:** Venturimeter, Pilot tube, Orifice meter

**Hydraulic Turbines:** Classifications, Principles

**Centrifugal Pumps:** Classifications, Principles, **Performance Production Engineering:**

**Classification of Steels :** mild steel & alloy steel, Heat treatment of steel, Welding – Arc Welding, Gas Welding, Resistance Welding, Special Welding Techniques i.e. TIG, MIG, etc (Brazing & Soldering), Welding Defects & Testing; NDT, Foundry & Casting – methods, defects, different casting processes, Forging, Extrusion, etc, Metal cutting principles, cutting tools, Basic Principles of machining with (i) Lathe (ii) Milling (iii) Drilling (iv) Shaping (v) Grinding, Machines, tools & manufacturing processes.

**15. Admission to the Examination:**

- 15.1 All candidates who register themselves in response to this Notice by the closing date and time and whose applications are found to be in order and are provisionally accepted by the Commission as per the terms and conditions of this Notice of Examination, will be assigned Roll numbers and issued Admission Certificate (AC) for appearing in the Computer Based Examination. Subsequently, qualified candidates will be issued Admission Certificates for the next stage of the Examination.
- 15.2 The Commission will not undertake detailed scrutiny of online applications for the eligibility and other aspects at the time of examination and, therefore, candidature will be accepted only provisionally. The candidates are advised to go through the requirements of educational qualification, experience, age, etc. and satisfy themselves that they are eligible for the post(s). The certificates/documents in support of their Educational Qualifications and Caste/Category, etc. shall be sought at the time of Document Verification by the Indenting/User Organization/Office. Candidates may also note that they would be required to submit their certificates/documents of EQs/caste/category, etc. as and when sought by the Commission or the Indenting/User Organization/Office. After scrutiny of the certificates/documents of EQs/caste/category, etc., if any claim made in the application is not substantiated by certificates/documents, the candidature of candidate will be cancelled.
- 15.3 Admission Certificate for the Computer Based Examination will be issued online by uploading on the website of the concerned Regional Office of the Commission. Admission Certificate will not be issued by post for any stage of examination. Candidates are therefore advised to regularly visit the websites of the Commission Headquarters (i.e., <https://ssc.nic.in>) and concerned Regional office of the Commission under whose jurisdiction the examination centres opted by the candidate are located (details at **para-12.1**) for updates and information about the examination.
- 15.4 Information about the Examination indicating the time table and City/Centre of examination for the candidates will be uploaded on the websites of the concerned Regional Office of the Commission about two weeks before the date of examination. If any candidate does not find his/her details on the website of the Commission, one week before the date of examination, he/she must immediately contact the concerned Regional/Sub-Regional Office of the Commission with proof of having submitted his/her application. Failure to do so will deprive him/her of any claim for consideration.
- 15.5 Candidates must write Registration-ID, registered Email-ID and Mobile Number along with name, date of birth and name of the examination, while addressing any communication to the Commission. Communication from the candidates not furnishing these particulars shall not be entertained.
- 15.6 Facility for downloading of Admission Certificates will be available 3-7 days before the examination on the website of concerned Regional/Sub-Regional Office. Candidates must bring printout of the Admission Certificate to the Examination Hall.
- 15.7 In addition to the Admission Certificate, it is mandatory to carry at least two passport size recent colour photographs, **Original valid Photo-ID proof having the Date of Birth as printed on the Admission Certificate**, such as:



- 15.7.1 Aadhaar Card/ Printout of E-Aadhaar,
  - 15.7.2 Voter's ID Card,
  - 15.7.3 Driving License,
  - 15.7.4 PAN Card,
  - 15.7.5 Passport,
  - 15.7.6 School/ College ID Card,
  - 15.7.7 Employer ID Card (Govt./PSU/Private), etc
  - 15.7.8 Ex-serviceman Discharge Book issued by Ministry of Defence, Any other photo bearing ID Card issued by the Central/ State Government.
- 15.8 If Photo Identity Card does not have the date of birth printed on it then the candidate must carry an additional original document (e.g. Matriculation Certificate, Marks Sheet issued only by CBSE/ICSE/State Boards; Birth Certificate, Category Certificate etc.) as proof of their date of birth. In case of mismatch in the date of birth mentioned in the Admission Certificate and photo ID/ Certificate brought in support of date of birth, the candidate will not be allowed to appear in the examination.
- 15.9 PwBD/PwD candidates using the facility of scribes as per **paras 9.1, 9.2 and 9.3** shall also be required to carry required Medical Certificate/Undertaking/Photocopy of the Scribe's Photo ID Proof, as specified therein. Candidates without these documents will not be allowed to appear in the examination.
- 15.10 Any other document mentioned in the Admission Certificate will be carried by the candidates while appearing in the Examination.
- 15.11 Applications with blurred photograph and/or signature will be rejected.
- 16 **Document Verification (DV): In view of the decision of the Government to expedite the recruitment process, Document Verification (DV) will be conducted by the User Organizations/Offices after declaration of the final result.**
- 16.1 Staff Selection Commission recruits personnel as per the vacancies reported by the User Departments/Organizations. The Commission has no role in determination of total vacancies (Vertical & Horizontal) arising in a User Department/Organization, backlog vacancies, segregation of vacancies under various reserved categories and vacancies reported to be filled up by direct recruitment. After declaration of final result of the examination, dossiers of selected candidates are forwarded to the User Departments/Organizations. The User Departments/Organizations shall accept the dossiers forwarded after declaration of final result. No User Department/Organization shall return the dossier(s) of selected candidates on the ground of non-availability of Horizontal vacancies or on the ground that a Horizontal vacancy exists but the dossier of that category has not been provided by the Commission.
- 16.2 Staff Selection Commission confirms the vacancies from User Departments/Organizations before declaration of the final result. Final result is declared and nominations/recommendations are made only against such confirmed vacancies. The User Departments/Organizations will, therefore, accept the nominations made and dossiers sent to them. In case a Department/Organization is wound up, reorganized, or transferred under the administrative control of another Department/Ministry/Organization, its successor/administrative Department/Ministry will

accept the dossiers. In case, the entire hierarchy of organizations upto the Ministry level is wound up, the Ministry/Department to which its work has been transferred would accept the dossiers. In the event that work of the Organization/Department has not been transferred to any other Department/Ministry, the Department/Ministry whose work is closely related to the erstwhile work of the former will accept the dossiers. Decision of the Commission in this regard would be final.

- 16.3 The final result will be declared only once by the Commission and no further nomination of candidates would be made in the event of candidates not joining the offered posts. Thus, after the declaration of final result, vacancy(ies), if any, remaining unfilled due to non-availability of suitable candidates, non-joining of candidates or any other reason(s) will not be filled up in that recruitment year and the Indenting Ministry/Department/Organization may carry forward those vacancies to the next recruitment cycle and report to the Commission as per the extant rules.
- 16.4 As per policy of the Commission, SSC does not maintain waiting list/reserve panel for multi-factor examinations conducted by the Commission. In such cases, the Departments may take further action regarding carrying forward of vacancies in accordance with the extant rules.
- 16.5 The candidates are required to appear for Document Verification along with the photocopies and original documents indicated in para 16.6 as and when asked by the concerned authority(ies).
- 16.6 Candidates will have to submit copies of various documents as given below at the time of Document Verification by the User Organizations/Offices:
- (i) Matriculation/Secondary Certificate.
  - (ii) Educational Qualification Certificate.
  - (iii) Experience Certificate, if applicable.
  - (iv) Caste/ Category Certificate, if belongs to reserved categories.
  - (v) Persons with Disabilities Certificate in the required format, if applicable.
  - (vi) For Ex-Servicemen (ESM):
    - (a) Undertaking as per **Annexure-VI**.
    - (b) Serving Defence Personnel Certificate as per **Annexure-V**, if applicable.
    - (c) Discharge Certificate, if discharged from the Armed Forces.
  - (vii) Relevant Certificate if seeking any age relaxation.
  - (viii) No Objection Certificate, in case already employed in Government/ Government undertakings.
  - (ix) A candidate who claims change in name after matriculation on marriage or remarriage or divorce, etc. shall submitted the following documents:
    - (a) In case of marriage of women: Photocopy of husband's passport showing name of spouse or an attested copy of marriage certificate issued by the Registrar of Marriage or an Affidavit from husband and wife along with a joint photograph duly sworn before the Oath Commissioner;

- (b) In case of re-marriage of women: Divorce Deed/ Death Certificate as the case may be in respect of first spouse; and photocopy of present husband's passport showing name of spouse or an attested copy of marriage certificate issued by the Registrar of Marriage or an Affidavit from the husband and wife along with joint photograph duly sworn before the Oath Commissioner.
- (c) In case of divorce of women: Certified copy of Divorce Decree and Deed Poll/Affidavit duly sworn before the Oath Commissioner.
- (d) In other circumstances for change of name for both male and female: Deed Poll/Affidavit duly sworn before the Oath Commissioner and paper cuttings of two leading daily newspaper in original (One daily newspaper should be of the area of applicant's permanent and present address or nearby area) and Gazette Notification.
- (x) Any other document specified in the Admission Certificate for DV.
- (xi) It is reiterated that after scrutiny of the certificates/ documents of EQs/ caste/ category, etc., if any claim made in the application is not substantiated by certificates/ documents at the time of document verification, the candidature of candidate will be cancelled.

17 **Post Preferences:**

- 17.1 Preference for various posts and departments will be taken from the candidates through Online Option Form on the website of the Commission before declaration of final result. A candidate will not be considered for a Post and Organization/Office, if he has not indicated his preference for it. Options once submitted shall be treated as final and will not be changed subsequently under any circumstances. Therefore, candidates must be careful in exercise of such options.
- 17.2 The option/preference once exercised by the candidates will be treated as FINAL and IRREVERSIBLE. Subsequent request for change of Post/Department by candidates shall not be entertained under any circumstances. If the candidate has not opted for a Post/Department, he/she shall not be considered for selection to such post irrespective of his/her merit position. Therefore candidates must exercise due diligence and be very careful while giving their post-preferences.
- 17.3 Candidates, who do not submit their post preference(s) on the website of the Commission within the stipulated time, will not be considered for any post in the Final Result. Such candidates shall not be provided with another opportunity to exercise preference for posts and will be solely responsible for the same. Any grievance received in this regard in any form like Post, Fax, Email, by hand, etc. shall not be entertained by the Commission and will be summarily rejected.
- 17.4 Posts of Junior Engineers in BRO have stringent requirements of physical and medical standards including Physical Efficiency Test (Details available at **Schedule**). Examination of such physical and medical standards will be conducted after the final selection of candidates by BRO. If a candidate fails in such tests, his candidature will not be subsequently considered for any other post/department. Candidates are therefore advised to go through thoroughly these requirements and submit their considered preference of posts.

18 **Mode of Selection:**

18.1 Minimum qualifying marks in Paper-I and Paper-II are as follows:

- |                            |   |     |
|----------------------------|---|-----|
| (i) UR                     | : | 30% |
| (ii) OBC/EWS               | : | 25% |
| (iii) All other categories | : | 20% |

18.2 Based on the normalized marks scored in the (Paper-I) *i.e.* Computer Based Examination, candidates will be shortlisted, category-wise, to appear in Paper-II. The Commission shall have the discretion to normalize the marks of Paper-II, if Paper-II is conducted in multiple shifts and fix different cut-off marks in each part of Paper-I and also in Paper-II taking into consideration among others, category-wise vacancies and category-wise number of candidates.

18.3 Final selection and allocation of Organization/Office will be made on the basis of the performance of candidates in Paper-I and Paper-II and the preference of Organization/Office exercised by them.

18.4 The final allotment of posts are made on the basis of merit-cum-preferences of Post(s)/Department(s) given by the candidates and once a post is allotted, no change of posts will be made by the Commission due to non-fulfillment of any post specific requirements of physical/medical/educational standards or any other requirement. In other words, for example, if a candidate has given higher preference for a post and is selected for that post; in that case, if he/she fails to meet the medical/physical/educational standards for that post, his/her candidature will be rejected and he/she will not be considered for any other posts.

18.5 SC, ST, OBC, EWS and PwBD candidates, who are selected on their own merit without relaxed standards, will not be adjusted against the reserved share of vacancies. Such candidates will be accommodated against the general/unreserved vacancies in the post as per their position in the overall merit or vacancies earmarked for their category, whichever is advantageous to them. The reserved vacancies will be filled up separately from amongst the eligible SC, ST, OBC, EWS and PwBD candidates.

18.6 SC, ST, OBC, EWS and PwBD candidate who qualifies on the basis of relaxed standards; *viz.*, age limit, experience or qualifications, permitted number of chances, extended zone of consideration, etc, irrespective of his/her merit position, is to be counted against reserved vacancies and not against un-reserved vacancies. Such candidates may also be recommended at the relaxed standards to the extent of number of vacancies reserved for them, to make up for the deficiency in the reserved quota, irrespective of their rank in the order of merit. Insofar as cases of Ex-Serviceman are concerned, deduction of the military service rendered from the age of ex-servicemen is permissible against the reserved or unreserved posts and such exemption will not be termed as relaxed standards in regard to age. Similarly for PwBD candidates, relaxation of 10 years in upper age limit will not be termed as relaxed standards.

18.7 A person with benchmark disability who is selected on his/her own merit can be appointed against an unreserved vacancy provided the post is identified suitable for persons with benchmark disability of relevant category.

- 18.8 Success in the examination confers no right of appointment unless the Government is satisfied after such enquiry as may be considered necessary that the candidate is suitable in all respects for appointment to the service/post.
- 18.9 The candidates applying for the examination should ensure that they fulfill all the eligibility conditions for admission to the examination. Their admission at all stages of the examination will be purely provisional, subject to their satisfying the prescribed eligibility conditions. If, on verification, at any time before or after the written examination, it is found that they do not fulfill any of the eligibility conditions, their candidature for the examination will be cancelled.
- 18.10 Candidates, who are appointed on the basis of this examination, shall be on probation for a period of two years and during the period of probation, the candidates would be required to undergo such training or pass such examinations as prescribed by the Controlling Authority. On successful completion of the period of probation, the candidates shall, if considered fit for permanent appointment, be confirmed to their post by the Controlling Authority.
- 18.11 Candidates selected for appointment are liable to serve anywhere in India; *i.e.*, the posts carry All India Service Liability (AISL).
- 18.12 Candidates on final selection may be allotted a State/UT/Zone by the concerned User Organization/Office. Such candidates may be required to acquire the proficiency in local language of the allotted State/UT/Zone for confirmation of the candidates to the allotted posts by the concerned User Organization/Office.
- 18.13 If a candidate scoring more than cut-off marks in any Tier/Stage of the examination is not qualified for the subsequent stage/final selection due to any reason, he/she must represent to the concerned Regional Office of the Commission within two months of the declaration of the result or two weeks prior to the conduct of next stage of the examination, whichever is earlier.
- 18.14 If a candidate is finally selected and does not receive any correspondence from the Commission or the concerned User Organization/Office within a period of one year from the declaration of final result, he/she must communicate immediately thereafter with the concerned User Department / Organization.
- 18.15 The final allotment of posts is made on the basis of merit-cum-preferences of Posts/ Departments given by the candidates and once a post is allotted, no change of posts will be made by the Commission due to non-fulfillment of any post specific requirements of physical/ medical/ educational standards. In other words, for example, if a candidate has given higher preference for a post and is selected for that post; in that case, if he fails to meet the medical/ physical/ educational standards for that post, his candidature will be rejected and he will not be considered for any other preferences and no correspondence in this regard will be entertained by the Commission.
- 18.16 It is reiterated that the final result will be declared only once by the Commission and no further nomination of candidates would be made in the event of vacancies left unfilled due to non-availability of suitable candidates, rejection of candidates during Document Verification by the User organization, non-joining of candidates, or any other reason. In such cases, the Ministry/Department/Organization may take further action regarding carrying forward of vacancies to the next vacancy year in accordance with the extant rules.

- 18.17 There shall not be any Waiting List/ Reserve List after declaration of Final Result.
- 19 In accordance with the directions issued by DoP&T *vide* its OM No: 39020/1/2016- Estt (B) dated 21.06.2016 for increasing access of the unemployed candidates to job opportunities it has been decided that after declaration of final result the Commission will make the scores and rankings of unsuccessful candidates in the said open competitive examinations conducted by the Commission available on its website in descending order of ranking. Accordingly, it has been decided that the following details of the candidates will be made available on its website: (i) Name of candidate, (ii) Father/Husband's name, (iii) Date of Birth, (iv) Category (Gen/SC/ST/OBC/EWS/PwBD/ESM) (v) Gender of the candidate, (vi) Educational Qualifications, (vii) Total Marks obtained in the qualifying examination, (viii) Ranking by which the merit is decided, (ix) Complete address, (x) E-mail address. However, the candidate will have the option, at the time of filling up of his/her application form, from opting out of disclosing the above details publicly. Accordingly, the scores and rankings in respect of only those candidates who have opted for disclosing the above details or have not exercised their options will be made available on the website of the Commission.
- 20 **Resolution of tie cases:** In cases where more than one candidate secure the equal aggregates marks in Paper-I and Paper-II, tie will be resolved by applying the following methods one after another till the tie is resolved:
- (i) Total marks in Paper-II.
  - (ii) Date of birth, with older candidates placed higher.
  - (iii) Alphabetical order of the names of the candidates.
- 21 **Action against candidates found guilty of misconduct:**
- 21.1 If candidates are found to indulge at any stage in any of the malpractices listed below during the conduct of examination or thereafter, their candidature for this examination will be cancelled and they will be debarred from the examinations of the Commission for the period mentioned below:

S. No.	Type of Malpractice	Debarment period
1	Taking away any Examination related material such as Rough Sheets, Commission Copy of Admission Certificate, Answer Sheet etc. from the examination hall or passing it on to unauthorized persons during the conduct of examination.	2 Years
2	Leaving the Examination Venue uninformed during the Examination	2 Years
3	Misbehaving, intimidating or threatening in any manner with the examination functionaries' i.e. Supervisor, Invigilator, Security Guard or Commission's representatives etc.	3 Years
4	Obstruct the conduct of examination/ instigate other candidates not to take the examination.	3 Years
5	Making statements which are incorrect or false, suppressing material information, submitting fabricated documents, etc.	3 Years
6	Obtaining support/influence for his/her candidature by any irregular or improper means in connection with his/her candidature.	3 Years

7	Possession of Mobile Phone in either 'switched on' or 'switched off' mode.	3 Years
8	Appearing in the same examination more than once in contravention of the rules.	3 Years
9	A candidate who is also working on examination related matters in the same examination.	3 Years
10	Damaging examination related infrastructure/equipments.	5 Years
11	Appearing in the Exam with forged Admit Card, identity proof, etc.	5 Years
12	Possession of fire arms/weapons during the examination.	5 Years
13	Assault, use of force, causing bodily harm in any manner to the examination functionaries' i.e. Supervisor, Invigilator, Security Guard or Commission's representatives etc.	7 Years
14	Threatening/intimidating examination functionaries with weapons/fire arms.	7 Years
15	Using unfair means in the examination hall like copying from unauthorized sources such as written material on any paper or body parts, etc.	7 Years
16	Possession of Bluetooth Devices, spy cameras, and any other electronic gadgets in the examination hall.	7 Years
17	Impersonate/ Procuring impersonation by any person.	7 Years
18	Taking snapshots, making videos of question papers or examination material, labs, etc.	7 Years
19	Sharing examination terminal through remote desktop softwares/Apps/LAN/VAN, etc.	7 Years
20	Attempt to hack or manipulate examination servers, data and examination systems at any point before, during or after the examination.	7 Years

21.2 The Commission may also report the matter to Police/Investigating Agencies, as deemed fit. Further, the Commission may also take appropriate action to get the matter examined by the concerned authorities/forensic experts, etc.

22 **Commission's decision final:** The decision of the Commission in all matters relating to eligibility, acceptance or rejection of the applications, penalty for false information, mode of selection, conduct of examination(s), allotment of examination centres, selection and allotment of posts/organizations to selected candidates will be final and binding on the candidates and no enquiry/correspondence will be entertained in this regard.

23 **Courts' Jurisdiction:** Any dispute in regard to this recruitment will be subject to courts/tribunals having jurisdiction over the place of concerned Regional/Sub-Regional Offices of the Commission where the candidate has appeared for the Computer Based Examination.

24 **Disqualifications:** No person, (a) who has entered into, or contracted a marriage with a person having a spouse living, or (b) who, having a spouse living has entered into, or contracted a marriage with any person shall be eligible for appointment to the service provided that the Central Government may, if satisfied that such marriage is permissible under the personal law

applicable to such person and the other party to the marriage and there are other grounds for so doing, exempt any person from the operation of this rule.

25 **Important Instructions to the Candidates:**

(a)	BEFORE APPLYING, CANDIDATES ARE ADVISED TO GO THROUGH THE INSTRUCTIONS GIVEN IN THE NOTICE OF EXAMINATION VERY CAREFULLY. THE NOTICE OF EXAMINATION IS PRINTED BOTH IN ENGLISH AND HINDI. IN CASE OF ANY DISPUTE, THE ENGLISH VERSION WILL PREVAIL.
(b)	CANDIDATES IN THEIR OWN INTEREST SHOULD SUBMIT ONLINE APPLICATIONS MUCH BEFORE THE CLOSING DATE AND NOT WAIT TILL THE LAST DATE TO AVOID THE POSSIBILITY OF DISCONNECTION/INABILITY OR FAILURE TO LOGIN TO THE SSC WEBSITE ON ACCOUNT OF HEAVY LOAD ON THE WEBSITE DURING THE CLOSING DAYS.
(c)	The Commission will not undertake detailed scrutiny of applications for the eligibility and other aspects at the time of written examination and, therefore, candidature will be accepted only provisionally. The candidates are advised to go through the requirements of educational qualification, age, physical and medical standards, etc. and satisfy themselves that they are eligible for the post(s). The certificates/documents in support of their Educational Qualifications, Caste/Category, etc. shall be sought at the time of Document Verification by the Indenting/User Departments/Organizations. Candidates may also note that they would be required to submit their certificates/documents of EQs/caste/category, etc. as and when sought by the Commission or the Indenting/User Department/Organization. After scrutiny of the certificates/documents of EQs/caste/category, etc., if any claim made in the application is not substantiated by certificates/documents, the candidature of candidate will be cancelled.
(d)	Candidates seeking reservation benefits available for SC/ST/OBC/EWS/PwD must ensure that they are entitled to such reservation as per eligibility prescribed in the Notice. They should also be in possession of the certificates in the prescribed format in support of their claim.
(e)	Candidates with benchmark physical disability only would be considered as Persons with Disabilities (PwD) and entitled to age-relaxation/reservation for Persons with Disabilities.
(f)	When application is successfully submitted, it will be accepted 'Provisionally'. Candidate should take printout of the application form for their own records. Normally, printout of the online Application Form is not required to be submitted to the Commission.
(g)	The candidates must write their name, date of birth, father's name and mother's name strictly as given in the matriculation certificate, otherwise their candidature may be cancelled at the time of Document Verification /any stage.
(h)	Applications with illegible/blurred Photograph/Signature will be rejected summarily.
(i)	Candidates must fill their correct and active e-mail addresses and mobile number in the online application as correspondence may be made by the Commission through e-mail/SMS.



(j)	Candidates must carry two passport size recent colour photographs and one original Photo ID Proof such as Aadhaar Card/ printout of E-Aadhaar, Driving License, Voter Card, PAN Card, Identity Card issued by University/ College/ Government, Employer ID Card, ESM Discharge Book issued by MoD, or any photo bearing ID card issued by Central/ State Government to the Examination Venue, failing which they will not be allowed to appear for the same. <b>If Photo Identity Card does not have the Date of Birth then the candidate must carry an additional original certificate in proof of their Date of Birth.</b> PwBD/PwD candidates using the facility of scribes shall also be required to carry required Medical Certificate/Undertaking/Photocopy of the Scribe's Photo ID Proof, as specified.
(k)	In case of fake/fabricated application/registration by misusing any dignitaries name/ photo, such candidate/cyber cafe will be held responsible for the same and liable for suitable legal action under cyber/IT Act.
(l)	All the posts carry All India Service Liability (AISL) i.e. the candidate, on selection, maybe asked to serve <b>anywhere</b> in the country.
(m)	If a candidate scoring more than cut-off marks at any Tier/ stage of the examination is not qualified for the subsequent stage/ final selection due to any reason, he/ she must represent to the concerned Regional/ Sub-Regional Office of the Commission within two months of the declaration of the result or two week prior to the conduct of next stage of the examination, whichever is earlier.
(n)	If a candidate is finally selected and does not receive any correspondence from the Commission or the concerned User Department / Organization within a period of one year after declaration of result, he/she must communicate immediately thereafter with the concerned User Department / Organization.
(o)	Fee payable: Rs 100/- (Rs. one hundred only). Women candidates and candidates belonging to Scheduled Caste (SC), Scheduled Tribe (ST), Persons with Disabilities (PwD) and Ex-Servicemen (ESM) are exempted from payment of fee.
(p)	The Commission may use the Aadhaar data of the candidates for verification purpose subject to due authorization from competent authority.
(q)	Only one online application is allowed to be submitted by a candidate for the Examination during normal period for submission of online applications, which does not include the period of 'Window for Application Form Correction'. Therefore, the candidates must exercisedue diligence at the time of filling their online Application Forms. In case, more than one application of a candidate with different registration numbers is detected, all the applications will be rejected by the Commission and his candidature for the examination will be cancelled. If a candidate submits multiple applications and appears in the examination (at any stage) more than once, his candidature will be cancelled and he will be debarred from the examinations of the Commission as per rules.
(r)	After the closing date for receipt of online applications, the Commission will provide a period of 1 day to enable candidates to correct/ modify online application parameters, wherein candidates will be allowed to re-submit applications after making requisite corrections/ changes in the onetime registration/ online application data as per their requirement. This facility can be availed by online payment of stipulated correction charges as per details given at <b>para-11.6</b> of the Notice of Examination. Latest modified application will be treated as the valid one and the previous application(s) submitted by such candidates for the examination shall be cancelled.

(s)	Before submission of the corrected/final online application as the case may be, candidates must check that they have filled correct details in each field of the form. After submission of the corrected/ final online application form or expiry of the period of 'Window for Application Form Correction', no change/correction/modification will be allowed under any circumstances. Requests received in this regard in any form like Post, Fax, Email, by hand, etc. shall not be entertained by the Commission and will be summarily rejected.
(t)	In the online Application Form, candidates are required to upload the scanned colour passport size photograph in JPEG/JPG format (20 KB to 50 KB). The photograph should not be more than three months old from the date of publication of the Notice of Examination. Image dimension of the photograph should be about 3.5 cm (width) x 4.5 cm (height). The photograph should be without cap and spectacles. If the proper photograph is not uploaded by a candidate, his/her candidature will be cancelled. Specimen of photographs which are acceptable/not acceptable is given at <b>Annexure-XV</b> .
(u)	Special attention is invited to the declaration at the end of the Application Form. Before agreeing to/signing the declaration, the candidates must go through the Application details filled in and the contents of the declaration itself and agree to/sign it only after satisfying themselves that the information furnished is correct. Any concealment/misrepresentation/misdeclaration shall lead to cancellation of candidature.
(v)	Candidates are requested to check the website of the Commission, viz., <a href="https://ssc.nic.in">https://ssc.nic.in</a> as well as website of the concerned Regional Office regularly for the latest updates in respect of information related to date of examination, vacancy position etc.

Under Secretary  
Staff Selection Commission (Headquarters)

## ANNEXURE-I

### Certificate regarding physical limitation in an examinee to write

This is to certify that, I have examined Mr/Ms/Mrs \_\_\_\_\_(name of the candidate with disability), a person with \_\_\_\_\_(nature and percentage of disability as mentioned in the certificate of disability), S/o/D/o \_\_\_\_\_a resident of \_\_\_\_\_Village/District/State) and to state that he/she has physical limitation which hampers his/her writing capabilities owing to his/her disability.

Signature

Chief Medical Officer/Civil Surgeon/Medical Superintendent of a  
Government health care institution

Name & Designation

Name of Government Hospital/Health Care Centre with Seal

Place:

Date:

**Note:**

Certificate should be given by a specialist of the relevant stream/disability (eg Visual impairment-Ophthalmologist, Locomotor disability Orthopaedic specialist/PMR)



**Certificate for person with specified disability covered under the definition of Section 2 (s) of the RPwD Act, 2016 but not covered under the definition of Section 2(r) of the said Act, i.e. persons having less than 40% disability and having difficulty in writing.**

This is to certify that, we have examined Mr/Ms/Mrs ..... (name of the candidate), S/o /D/o ..... , a resident of .....(Vill/PO/PS/District/State), aged .....yrs, a person with ..... (nature of disability/condition), and to state that he/she has limitation which hampers his/her writing capability owing to his/her above condition. He/she requires support of scribe for writing the examination.

2. The above candidate uses aids and assistive device such as prosthetics & orthotics, hearing aid (name to be specified) which is /are essential for the candidate to appear at the examination with the assistance of scribe.

3. This certificate is issued only for the purpose of appearing in written examinations conducted by recruitment agencies as well as academic institutions and is valid upto \_\_\_\_ (it is valid for maximum period of six months or less as may be certified by the medical authority)

Signature of medical authority

(Signature & Name)	(Signature & Name)	(Signature & Name)	(Signature & Name)	(Signature & Name)
Orthopaedic / PMR specialist	Clinical Psychologist / Rehabilitation Psychologist/Psychiatrist / Special Educator	Neurologist (if available)	Occupational therapist (if available)	Other Expert, a s nominated by the Chairperson (if any)
(Signature & Name)				
Chief Medical Officer/Civil Surgeon/Chief District Medical Officer .....Chairperson				

Name of Government Hospital/Health Care Centre with Seal

Place:

Date

**Letter of Undertaking for Using Own Scribe**

I \_\_\_\_\_, a candidate with \_\_\_\_\_(name of the disability) appearing for the \_\_\_\_\_(name of the examination) bearing Roll No \_\_\_\_\_ at \_\_\_\_\_ (name of the centre) in the District \_\_\_\_\_, \_\_\_\_\_(name of the State/ UT) My qualification is \_\_\_\_\_

I do hereby state that \_\_\_\_\_(name of the scribe) will provide the service of scribe/reader/lab assistant for the undersigned for taking the aforesaid examination

I do hereby undertake that his/ her qualification is \_\_\_\_\_. In case, subsequently it is found that his/ her qualification is not as declared by the undersigned and is not one step below my qualification, I shall forfeit my right to the post and claims relating thereto

(Signature of the candidate with Disability)

Plac

e:

Date

:

**Letter of Undertaking by the person with specified disability covered under the definition of Section 2 (s) of the RPwD Act, 2016 but not covered under the definition of Section 2(r) of the said Act, i.e. persons having less than 40% disability and having difficulty in writing**

I \_\_\_\_\_, a candidate with \_\_\_\_\_ (nature of disability/condition) appearing for the \_\_\_\_\_ (name of the examination) bearing Roll No. \_\_\_\_\_ at \_\_\_\_\_ (name of the centre) in the District \_\_\_\_\_, \_\_\_\_\_ (name of the State). My educational qualification is \_\_\_\_\_.

2. I do hereby state that \_\_\_\_\_ (name of the scribe) will provide the service of scribe for the undersigned for taking the aforementioned examination.

3. I do hereby undertake that his qualification is \_\_\_\_\_. In case, subsequently it is found that his qualification is not as declared by the undersigned and is beyond my qualification. I shall forfeit my right to the post or certificate/diploma/degree and claims relating thereto.

(Signature of the candidate)

(Counter signature by the parent/guardian, if the candidate is minor)

Place:

Date:

**(Procedure for filling online Application)**

The process of filling online application for the examination consists of two parts:

- I. One Time Registration
- II. Filling of online Application for the Examination

**Part-I (One-Time Registration)**

1. Read the instructions given in the Notice of Examination carefully before filling up the online 'Registration Form' and 'Application Form'.
2. Before proceeding with One-Time Registration, keep the following information/documents ready:
  - a. Mobile Number (to be verified through OTP)
  - b. Email ID (to be verified through OTP).
  - c. Aadhaar Number. If Aadhaar Number is not available, please give one of the following ID Numbers. (You will be required to show the original document at a later stage):
    - i. Voter ID Card
    - ii. PAN
    - iii. Passport
    - iv. Driving License
    - v. School/ College ID
    - vi. Employer ID (Govt./ PSU/ Private)
  - d. Information about the Board, Roll Number and Year of Passing the Matriculation (10<sup>th</sup>) Examination.
  - e. Disability Certificate Number, if you are a person with benchmark disability.
3. For One-Time Registration, click on 'Register Now' link provided in 'Login' Section on <https://ssc.nic.in>.
4. One-Time Registration process requires filling up of following information:
  - a. Basic details
  - b. Additional and contact details
  - c. Declaration.
5. **For filling up the 'One-Time Registration Form', please follow the following steps:**
  - a. Few critical details (e.g. Aadhaar Number, name, father's name, mother's name, date of birth etc.) are required to be entered twice, in the relevant columns of the Registration Form to avoid any inadvertent mistakes in filling up of the form. If there is mismatch between the original and verify data columns, it will not be accepted and an indication to this effect will be given in red text.
  - b. S No-1, provide information about Aadhaar Number/ Identity Card and its Number. Any one of these Numbers is required to be given.
  - c. S No-2: Fill your name **exactly** as given in Matriculation (10<sup>th</sup> Class) Certificate. In case, you have made any changes in your name after matriculation, indicate the same at S No-2c and 2d.
  - d. S No-3: Fill your father's name **exactly** as given in Matriculation (10<sup>th</sup> Class) Certificate.
  - e. S No-4: Fill your mother's name **exactly** as given in Matriculation (10<sup>th</sup> Class)



- Certificate.
- f. S No-5: Fill your date of birth **exactly** as given in Matriculation (10<sup>th</sup> Class) Certificate.
- g. S No-6: Matriculation (10<sup>th</sup> Class) Examination Details which include:
- i. Name of Education Board
  - ii. Roll Number
  - iii. Year of passing
- h. S No-7: Gender
- i. S No-8: Level of Educational Qualification (highest).
- j. S No-9: Your Mobile Number which must be a working mobile number as it will be verified through 'One Time Password' (OTP). It may be noted that any information which the Commission may like to communicate with you, will be sent on this mobile number only. Your mobile number will also be used for retrieval of password, if required.
- k. S No-10: Your Email ID which must be a working Email ID as it will be verified through OTP. It may also be noted that any information which the Commission may like to communicate with you, will be sent on this Email ID only. Your Email ID will also be used for retrieval of password/ Registration Number, if required.
- l. Provide detail of State/ UT of your Permanent Address.
- m. When the Basic Details provided at S No-1 to 10 are saved, you will be required to confirm your mobile number and email ID. On confirmation, your data will be saved and your Registration Number will be displayed on the screen. Your Registration Number and Password will be provided to you on your mobile number and Email ID.
- n. You have to complete the Registration Process within 14 days failing which your Registration Details saved so far will be deleted.
- o. Login using your Registration Number as username and auto generated password provided to you on your mobile and email. Change your password, when prompted on first login.
- p. After successful password change, you need to login again using your Registration Number and changed password.
- q. On successful login, information about the 'Basic Details' so far filled by you will be displayed. You may edit it, if required or proceed further by clicking on 'Next' button at the bottom to complete your one-time Registration.
- r. S No-11: Provide information about your Category.
- s. S No-12: Provide information about your Nationality
- t. S No-13: Provide information about visible Identification Mark. You may be required to show the above Identification Mark at various stages of examination.
- u. S No-14: Provide information about benchmark disabilities, if any. If you are suffering from any specific benchmark disability identified suitable for government jobs, then provide Disability Certification Number.
- v. S No: 15 to 18: Provide information about your Permanent and Present Address. Save the data and proceed further to the last Part of the Registration Process.
- w. Save the information provided. Take draft printout and review the information filled in the Registration Form carefully, before 'Final Submit'.
- x. Read the 'Declaration' carefully, if you agree with the declaration, click 'I Agree'.
- y. Upon clicking 'Final Submit' different OTPs will be sent on your mobile number and Email ID. You need to enter one of the two OTPs at designated

field to complete the Registration Process.

6. Though you can edit/ modify your One-time Registration data, you must be very cautious while filling up details in the One-time Registration. Wrong/ incorrect information may lead to cancellation of your candidature.
7. **YOU ARE AGAIN CAUTIONED THAT NAME, FATHER'S NAME, MOTHER'S NAME, DATE OF BIRTH, MATRICULATION EXAMINATION DETAILS SHOULD BE FILLED EXACTLY AS RECORDED IN MATRICULATION CERTIFICATE. YOUR CANDIDATURE MAY GET CANCELLED IN CASE OF INCORRECT/ WRONG INFORMATION.**
8. After submission of Basic information, if the registration process is not completed within 14 days, your data will be deleted from the system.




**Screenshots of One-time Registration Form****BASIC DETAILS**

**NOTE: Candidates must be cautious while filling up Registration details. Your candidature may get cancelled in case incorrect/ wrong information is furnished.**

1. Do you have Aadhaar ? \*  Yes  No

1a. Aadhaar Number   
Aadhaar Number should be same as mentioned in Aadhaar Card

1b. Verify Aadhaar Number

1c. Type of ID \*    
Type of ID and ID Number to be provided if you don't want to give Aadhaar number

1d. ID Number \*

2a. Name \*   
1. Name should be same as mentioned in Matriculation Certificate  
2. Please enter name without any salutation (i.e. Shri/ Smt/ Mr/ Mrs/ Ms/ Dr/ Prof)

2b. Verify Name \*

2c. Have you ever changed Name?  Yes  No

2d. New Name / Changed Name

---

3a. Father's Name \*   
1. Father's Name should be same as mentioned in Matriculation Certificate  
2. Please enter name without any salutation (i.e. Mr/ Shri/ Late/ Dr/ Prof etc)

3b. Verify Father's Name \*


4a. Mother's Name \*   
1. Mother's Name should be same as mentioned in Matriculation Certificate  
2. Please enter name without any salutation (i.e. Mrs/ Ms/ Smt/ Late/ Dr/ Prof etc)


4b. Verify Mother's Name \*

5a. Date of Birth (DD/MM/YYYY) \*   
Date of Birth should be same as mentioned in Matriculation Certificate

5b. Verify Date of Birth (DD/MM/YYYY) \*

6. Matriculation (10<sup>th</sup> Class) Examination details :

(i). Education Board \*    
Education Board of Matriculation Examination

(ii). Verify Education Board \*  

(iii). Roll Number \*   
1. Roll Number should be same as mentioned in Matriculation Certificate  
2. Only / and - are allowed , Please enter Roll number without any other special character(s)  
3. If Roll Code is given in your Matriculation Certificate then enter "Roll Code - Roll No."

(iv). Verify Roll Number \*

(v). Year of Passing \*

(vi). Verify Year of Passing \*

7a. Gender \*  Male  Female  Transgender

7b. Verify Gender \*  Male  Female  Transgender

8. Level of Educational Qualification \*

9a. Mobile Number \*

9b. Verify Mobile Number \*

10a. Email ID \*

10b. Verify Email ID \*

\* State / UT of Permanent Address \*

**ADDITIONAL AND CONTACT DETAILS** [Edit](#)

11a. Category \*  General  EWS  OBC  ST  SC

11b. Verify Category \*  General  EWS  OBC  ST  SC

12. Nationality \*

13. Identification Marks \*

14a. Are you a Person with Benchmark Disability? \*  Yes  No

14b. Type of Disability

**NOTE**  
**VH:** Blindness and low vision.  
**HH:** Deaf and hard of hearing.  
**OH:** Locomotor disability including cerebral palsy, leprosy cured, dwarfism, acid attack victims and muscular dystrophy.  
**Others:** Autism, intellectual disability, specific learning disability and mental illness, multiple disabilities from amongst persons under the above mentioned clauses including deaf-blindness.

14c. Disability Certificate Number

15a. Permanent Address \*

15b. State/ UT \*

15b. State/ UT \*

15c. District \*

15d. PIN Code \*

16. Is Present Address same as Permanent Address?  Yes  No

17a. Present Address \*

17b. State/ UT \*

17c. District \*

17d. PIN Code \*

18. Contact details for other nationals

**DECLARATION**

**Declaration :** I hereby declare that the information given by me in this form is true, complete and correct to the best of my knowledge and belief. I understand that in the event of any information being found false or incorrect at any stage, my candidature/appointment is liable to be cancelled/terminated.

I Agree.

**Part-II (Online Application Form)**

1. Before proceeding with filling of online application, keep the following data ready:
  - a. Recent scanned colour passport size photograph (not more than three months old from the date of publication of the Notice of Examination) in JPEG/JPG format (20 KB to 50 KB). Image dimension of the photograph should be about 3.5 cm (width) x 4.5 cm (height). In compliance of the Order dated 05.03.2020 of Hon'ble Supreme Court in the matter of Shantanu Kumar & Ors. [Writ Petition (C) No.234 of 2018], **the photograph of the candidate should not be more than three months old from the date of publication of notice of the examination. The Photograph should be without cap and spectacles. The frontal view of the face should be clearly visible. Applications with blurred photograph will be rejected. If the proper photograph is not uploaded by a candidate, his candidature will be cancelled. Specimen of photographs which are acceptable/not acceptable is given at Annexure-XV.**
  - b. Scanned signature in JPEG/JPG format (10 to 20 KB). Image dimension of the signature should be about 4.0 cm (width) x 2.0 cm (height). **Applications with blurred signature will be rejected.**
  - c. Details of qualifying educational qualification like passing year, roll number, percentage/ CGPA, name of Board, etc.
2. Login to online system through your 'Registration Number' and password.
3. Click 'Apply' link in '**Junior Engineer (Civil, Mechanical and Electrical) Examination, 2023**' section under 'Latest Notifications' tab.
4. Information in columns at S No-1 to 14 will be filled automatically from your One-time Registration Data which is non-editable. **However, if you want to modify any of One-time Registration details, click on 'Modify Registration' tab provided at the left-hand top corner of your dashboard and make suitable corrections before proceeding further.**
5. S No-15: Give your preference of Examination Centers. You may choose examination Centers within the same Region. Choice for all the three Centers must be given in the order of preference (Please refer to para 12.1).
6. S No-16: If you are serving in Armed Forces or are an ex-serviceman, fill up the required information. Wards of servicemen/ ex-servicemen are not treated as ex-servicemen and therefore they should select 'No'(Please refer to para 7.4 to 7.8).
7. S. No. 17.1 & 17.2: Since the posts of Junior Engineers are not identified suitable for Persons with Benchmark Disabilities; viz., Both Armed Affected (OH-BA) and Blindness(VH), hence, these columns are disabled.
8. S No-17.3: Indicate if you have physical limitation to write as per Para 9.2 or 9.3 of the Notice and scribe is required to write on your behalf. This option will be available to all other PwBD and PwD candidates. PwBD Candidates as per S No 9 opting 'Yes' against S. No 17.3 will be eligible for Scribe/compensatory time, however, such candidates will have to produce the certificate from competent authority as per format at Annexure-I of the Notice of Examination, at the time of Examination. PwD Candidates as per S No 9 (i.e.

PwD below 40% disability) opting 'Yes' against S. No. 17.3 will be eligible for Scribe/compensatory time, however, such candidates will have to produce the certificate from competent authority as per format at Annexure-IA to the Notice of Examination, at the time of Examination. Please go through Para-9.2 & 9.3 of the Notice of Examination for more information

9. S No-17.4 to 17.6: If you are eligible for availing the facility of scribe as per Para-9 of the Notice of examination, provide information about the requirement of scribe. These options will be available only to candidates opting 'Yes' against S No 17 & 17.3.
10. S No-18.1 & 18.2: If you are seeking age relaxation, select appropriate age-relaxation category(Please refer to para 7.2 of the notice).
11. S. No. 19: Indicate your post for which you are applying.
12. S No-20: Provide details of the qualifying educational qualification.
13. S. No.-20.1: Indicate your highest qualification.
14. S No-21: Please see Notice of Examination, Para No: 19 and fill up accordingly.
15. S No-22, 23 and 24: Information with regard to Present and Permanent Address will be filled up automatically from the One-time Registration Data.
16. **Upload your recent Photograph without spectacles/cap (not more than three months old from the date of publication of the Notice of Examination) as specified at S. No- 1a above. Applications with blurred photograph will be rejected. Specimen of Photographs acceptable/ not acceptable is given at Annexure-XV. Candidates may refer to the same.**
17. Upload your signature as specified at S.No.-1b above. **Applications with blurred signatures will be rejected.**
18. S No-25: The photograph uploaded above should not be more than three months old from the date of publication of the Notice of Examination. Click 'Yes', if the photograph uploaded above is not more than three months old from the date of publication of the Notice of Examination.
19. Go through the declaration carefully and click on "I agree" check box if you accept the same. Fill up Captcha code.
20. Preview and verify the information provided by you. **If you want to modify any entry, click on 'Edit/Modify' button and make requisite corrections before proceeding further.** When you are satisfied that the information is correctly filled, preview and verify the information and submit the Application. **You will not be able to make any correction in the online application after submission of the application.**
21. Proceed to make fee payment if you are not exempted from payment of fee.
22. Fee can be paid only through online payment modes, namely BHIM UPI, Net Banking, or by using Visa, MasterCard, Maestro, or RuPay, Credit or Debit card.
23. When application is successfully submitted, it will be accepted 'Provisionally' and status of the application will be indicated as '**Application Received (Contents Not Verified)**'. Candidate should take printout of the application form for their own records. Printout of the 'Application Form' is normally not required to be submitted to the Commission at any stage. However, you may be required to provide printout of the online application form to address grievances related to online application, if any.

**Screenshots of Online Application Form**

## Junior Engineer (Civil, Mechanical &amp; Electrical) Examination, 2023

## Instructions

**PLEASE BE VERY CAREFUL WHILE FILLING THE APPLICATION FORM**

1. Candidate's Name: (As per the Matriculation Certificate)	SAMPLE NAME
2. New / Changed Name:	ISAMPLE II TESTW
3. Father's Name:	ISAMPLE FATHERW
4. Mother's Name:	ISAMPLE MOTHERW
5. Date of Birth (DD/MM/YYYY): (As per the Matriculation Certificate)	18/06/1980
6. Age as on 01/08/2023:	43.1
7. Gender:	Male

8. Category:	UR
9. Whether Person with Disability (PwD)? :	Yes
9.1. If Yes, Type of Disability:	HH
10. Nationality:	Citizen of India
11. Mark of Visible Identification:	MOLE
12. Matriculation (10 <sup>th</sup> Class) Examination Board:	Central Board of Secondary Education (CBSE)
13. Matriculation (10 <sup>th</sup> Class) Roll No.:	3489W
14. Matriculation (10 <sup>th</sup> Class) Year of Passing:	2021
15. Preference of Examination Centres: *	Center 1 <input type="checkbox"/> Center 2 <input type="checkbox"/> Center 3 <input type="checkbox"/>

[Please refer to para 12.1 of the Notice of Examination](#)

16.1. Whether you are an Ex-Servicemen (ESM) or serving in the Armed Forces? : \*

Yes  No

[Please refer to para 7.4 to 7.8 of the Notice of Examination](#)



16.2. Date of Joining the Armed Forces

(DD/MM/YYYY):

16.3. Date of Discharge/ Likely Date of Discharge from the Armed Forces (DD/MM/YYYY):

16.4. Length of Service in the Armed Forces:

16.5. Have you already joined a civil post by availing benefit of reservation for Ex-Serviceman (ESM) :

Yes  No

[Please refer to para 7.4 of the Notice of Examination](#)

16.6. Date of Joining to Civil Post (DD/MM/YYYY):

17. Whether suffering from Cerebral-Palsy:

Yes  No

[Please refer to para 9.1 of the Notice of Examination](#)

17.1. Are you a person with benchmark disabilities (40% or more) in the category of Blindness (VH)?:

Yes  No

[Please refer to the Notice of Examination, Para-9.1](#)

17.2. Are you a person with benchmark disabilities (40% or more) in the category of OH- Both Arms Affected (OH-BA) or OH- Cerebral Palsy (OH-CP)?:

Yes  No

[Please refer to the Notice of Examination, Para-9.1](#)

17.3. Do you have a physical limitation to write as per Para 9.2 or 9.3 of the Notice (Certificate to this effect from the competent authority as format at Annexure-I/ Annexure-IA to the Notice of Examination, would be required at the time of Examination.)? :

Yes  No

17.4. Whether scribe is required?

Yes  No

[Please refer to para-9 of the Notice of Examination](#)

17.5. Will you make your own arrangement of Scribe?

Yes  No

[Please refer to para-9 of the Notice of Examination](#)

17.6. If Scribe is to be arranged by SSC, then indicate medium:

[Please refer to para-9 of the Notice of Examination](#)

18.1. Whether seeking Age Relaxation? :\*

Yes  No

[Please refer to para-7.2 of the Notice of Examination](#)

18.2. If Yes, indicate age relaxation code:

[Please refer to para 7.2 of the Notice of Examination](#)

19. Post(s) Applying for: \*

**Confirm Post(s) Applying for:**

20. Qualification Details: \*

[Please refer to the Notice of Examination, Annexure-XIV & Annexure-XV](#)

# Annexure-IVA (3/4)

Exp. (Planning / Execution / Maintenance)  
(Min. 2 Years)

Qualifying Diploma/ Degree

Subject/ Stream

--Select--

--Select a subject according to the Post Applied--

20.1. Highest Educational Qualification:

--Select--

Status	Passing Year	State/ UT of Board/ University	Name of Board/ University	Roll No	Percentage	CGPA
--Select Stat	--Select Year	--Select State--	--Select a Board/ Univer			

21. Do you want to make your personal information available for accessing job opportunities in terms of DoP&T's OM.No.39020/1/2016-Estt.(B) dated 21/06/2016? \*

Yes  No

[Please refer to para 19 of the Notice of Examination](#)

22. Correspondence Address:

233132

State:

Assam

District:

Tamulpur

District:

Tamulpur

Pin:

780023

23. Permanent Address

233132

State:

Assam

Pin :

780023

Mobile Number:

9878987898

Email:

adityaxi@gmail.com

24. Contact Details for Other Nationals:

## Photograph And Signature

Upload a photograph without Spectacles/Cap taken on or after 27-Apr-2023\*

Allowed File Size: 20 KB to 50 KB

Format: JPEG/ JPG

Image Size: About 3.5 cm (width) x 4.5 cm (height)

No file chosen

Upload Signature (Signature should not be blurred) \*

Allowed File Size: 10 KB to 20 KB

Format: JPEG/ JPG

Image Size: About 4.0 cm (width) x 2.0 cm (height)

No file chosen

25. Whether the photograph has been taken on or after  Yes  No

25. Whether the photograph has been taken on or after  Yes  No

27-Apr-2023?:

## Declaration

1. I have read the Notice of Examination and accept all the Terms & Conditions mentioned therein.
2. I hereby declare that all the statements made in this application are true, complete and correct to the best of my knowledge and belief. I understand that in the event of any information being found suppressed/ false or incorrect at any stage or ineligibility being detected before or after the Examination, my candidature/ appointment is liable to be cancelled. I am willing to serve anywhere in India.
3. I declare that the photograph uploaded in the Application Form has been taken on or after the stipulated dated.
4. I agree to authorize SSC to use my Aadhaar data for verification purpose. \*  
 I Agree



Try Another

ENTER TEXT

Preview

Reset

Close

**Certificate for serving Defence Personnel**

I hereby certify that, according to the information available with me (No.)  
\_\_\_\_\_ (Rank) \_\_\_\_\_ (Name)  
\_\_\_\_\_ is due to complete the specified term of his engagement with  
the Armed Forces on the (Date) \_\_\_\_\_.

(Signature of Commanding Officer)

Office Seal

Place:

Date:

**UNDERTAKING TO BE GIVEN BY THE EX-SERVICEMEN**

I .....,bearing Roll No.....,appearing for the Document Verification of the..... Examination, 20 ....., do hereby undertake that:

- (a) I am entitled to the benefits admissible to Ex-Servicemen in terms of the Ex-Servicemen Re-employment in Central Civil Services and Posts Rules, 1979, as amended from time to time.
- (b) I have not joined the Government job on civil side (including Public Sector Undertakings, Autonomous Bodies/ Statutory Bodies, Nationalized Banks, etc.) in Group 'C' and 'D' posts on regular basis after availing of the benefits of reservation given to ex-serviceman for re-employment; or
- (c) I have availed the benefit of reservation as ex-serviceman for securing Government job on civil side. I have joined as .....on ..... in the office of ..... I hereby undertake that I have submitted the self-declaration/ undertaking to my current employer about date wise detail of the application for the above mentioned examination for which I had applied for before joining the present civil employment; or
- (d) I have availed the benefit of reservation as ex-serviceman for securing Government job on civil side. I have joined as .....on ..... in the office of ..... Therefore, I am eligible for age- relaxation only;

I hereby declare that the above statements are true, complete and correct to the best of my knowledge and belief. I understand that in the event of any information being found false or incorrect at any stage, my candidature/ appointment is liable to be cancelled/ terminated.

Signature: .....

Name: .....

Roll Number: .....

Date: .....

Date of appointment in Armed Forces: .....

Date of Discharge: .....

Last Unit/ Corps: .....

Mobile Number: .....

Email ID: .....

**FORMAT FOR SC/ ST CERTIFICATE**

A candidate who claims to belong to one of the Scheduled Caste or the Scheduled Tribes should submit in support of his/ her claim an attested/certified copy of a certificate in the form given below, from the District Officer or the sub-Divisional Officer or any other officer as indicated below of the District in which his parents (or surviving parent) ordinarily reside who has been designated by the State Government concerned as competent to issue such a certificate. If both his parents are dead, the officer signing the certificate should be of the district in which the candidate himself ordinarily resides otherwise than for the purpose of his own education. Wherever photograph is an integral part of the certificate, the Commission would accept only attested photocopies of such certificates and not any other attested or true copy.

*(The format of the certificate to be produced by Scheduled Castes and Scheduled Tribes candidates applying for appointment to posts under Government of India)*

This is to certify that Shri/Shrimati/Kumari\* \_\_\_\_\_ son/daughter of \_\_\_\_\_ of village/town\* \_\_\_\_\_ in District/Division \* \_\_\_\_\_ of the State/Union Territory\* \_\_\_\_\_

belongs to the Caste/Tribes \_\_\_\_\_ which is recognized as a Scheduled Castes/Scheduled Tribes\* under:-

The Constitution (Scheduled Castes) order, 1950 \_\_\_\_\_

The Constitution (Scheduled Tribes) order, 1950 \_\_\_\_\_

The Constitution (Scheduled Castes) Union Territories order, 1951\* \_\_\_\_\_

The Constitution (Scheduled Tribes) Union Territories Order, 1951\* \_\_\_\_\_

As amended by the Scheduled Castes and Scheduled Tribes Lists(Modification) order, 1956, the Bombay Reorganization Act, 1960 & the Punjab Reorganization Act, 1966, the State of Himachal Pradesh Act 1970, the North-Eastern Area(Reorganization) Act, 1971 and the Scheduled Castes and Scheduled Tribes Order(Amendment) Act, 1976.

The Constitution (Jammu & Kashmir) Scheduled Castes Order, 1956 \_\_\_\_\_

The Constitution (Andaman and Nicobar Islands) Scheduled Tribes Order, 1959 as amended by the Scheduled Castes and Scheduled Tribes order (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 (Scheduled Tribes) (Uttar Pradesh) Order, 1967 @

The Constitution (Goa, Daman & Diu) Scheduled Castes Order, 1968@

The Constitution (Goa, Daman & Diu) Scheduled Tribes Order 1968 @

The Constitution (Nagaland) Scheduled Tribes Order, 1970 @

The Constitution (Sikkim) Scheduled Castes Order 1978@ The

Constitution (Sikkim) Scheduled Tribes Order 1978@

The Constitution (Jammu & Kashmir) Scheduled Tribes Order 1989@

The Constitution (SC) orders (Amendment) Act, 1990@

The Constitution (ST) orders (Amendment) Ordinance 1991@

The Constitution (ST) orders (Second Amendment) Act, 1991@

The Constitution (ST) orders (Amendment) Ordinance 1996@  
 The Scheduled Caste and Scheduled Tribe Orders (Amendment ) Act 2002@  
 The Constitution (Scheduled Caste) Orders(Amendment) Act 2002@  
 The Constitution(Scheduled Caste and Scheduled Tribe) Orders (Amendment) Act 2002@  
 The Constitution (Scheduled Caste) Order (Amendment) Act 2007@  
 %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 belong 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\* \_\_\_\_\_ of \_\_\_\_\_ District/Division\* \_\_\_\_\_ of the State/Union Territory of \_\_\_\_\_

Signature \_\_\_\_\_

\*\* Designation \_\_\_\_\_

(with seal of office)

Place \_\_\_\_\_

Date \_\_\_\_\_

\* Please delete the words which are not applicable

@ Please quote specific presidential order

% Delete the paragraph which is not applicable.

**NOTE:** The term ordinarily reside(s) used here will have the same meaning as in section 20 of the Representation of the People Act, 1950.

\*\* **List of authorities empowered to issue Caste/Tribe Certificates:**

(i) District Magistrate/Additional District Magistrate/Collector/Deputy Commissioner/Additional Deputy Commissioner/Dy.Collector/1st Class Stipendiary Magistrate/Sub-Divisional Magistrate/Extra-Assistant Commissioner/Taluka Magistrate/Executive Magistrate.

(ii) Chief Presidency Magistrate/Additional Chief Presidency Magistrate/Presidency Magistrate.

(iii) Revenue Officers not below the rank of Tehsildar.

(iv) Sub-Divisional Officers of the area where the candidate and/or his family normally resides.

**NOTE:** ST candidates belonging to Tamil Nadu State should submit caste certificate ONLY FROM THE REVENUE DIVISIONAL OFFICER.



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

This is to certify that Shri/Smt./Kumari \_\_\_\_\_son/daughter of  
\_\_\_\_\_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  
and

Empowerment's Resolution No. \_\_\_\_\_  
dated \_\_\_\_\_\*.

Shri/Smt./Kumari \_\_\_\_\_ and/or his/her family ordinarily reside(s) in the  
\_\_\_\_\_ District/Division of the \_\_\_\_\_  
State/Union Territory. This is also to certify that he/she 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\*\*.

District Magistrate: \_\_\_\_\_

Deputy Commissioner etc.: \_\_\_\_\_

Dated:

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

Government of .....

(Name & Address of the authority issuing the certificate)

**INCOME & ASSEST CERTIFICATE TO BE PRODUCED BY ECONOMICALLY WEAKER SECTIONS**

Certificate No. \_\_\_\_\_

Date \_\_\_\_\_

**VALID FOR THE YEAR**

This is to certify that Shri/Smt./Kumari \_\_\_\_\_ son/daughter/wife of \_\_\_\_\_ permanent resident of \_\_\_\_\_, Village/Street \_\_\_\_\_ PostOffice \_\_\_\_\_ District \_\_\_\_\_ in the State/ Union Territory \_\_\_\_\_ PinCode \_\_\_\_\_ whose photograph is attested below belongs to Economically Weaker Sections, 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 agricultural 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 a Scheduled Caste, Scheduled Tribe and Other Backward Classes (Central List).

Signature with seal of Office \_\_\_\_\_

Name \_\_\_\_\_

Designation \_\_\_\_\_

Recent Passport size  
attested photograph of the  
applicant

---

\*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 siblings below the age of 18 years as also his/her spouse and children below the age of 18 years.

\*\*\*Note 3: 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-V  
Certificate of Disability

(In cases of amputation or complete permanent paralysis of limbs or dwarfism and in case of blindness)

[See rule 18(1)]  
(Name and Address of the Medical Authority issuing the Certificate)

Recent passport size  
attested photograph  
  
(Showing face only) of the  
person with disability.

Certificate No.

Date:

This is to certify that I have carefully examined Shri/Smt./Kum.  
\_\_\_\_\_ son/wife/daughter of Shri \_\_\_\_\_ Date of  
Birth (DD/MM/YY) \_\_\_\_\_ Age \_\_\_\_\_ years, male/female \_\_\_\_\_  
registration No. \_\_\_\_\_ permanent resident of House No. \_\_\_\_\_  
Ward/Village/Street \_\_\_\_\_ Post Office \_\_\_\_\_ District  
\_\_\_\_\_ State \_\_\_\_\_, whose photograph is affixed above, and am satisfied  
that:

(A) he/she is a case of:

- locomotor disability
- dwarfism
- blindness

(Please tick as applicable)

(B) the diagnosis in his/her case is \_\_\_\_\_

(C) he/she has \_\_\_\_\_% (in figure) \_\_\_\_\_percent (in words)  
permanent locomotor disability/dwarfism/blindness in relation to his/her \_ (part  
of body) as per guidelines (..... number and date of issue of the guidelines to be  
specified).

2. The applicant has submitted the following document as proof of residence:-

Nature of Document	Date of Issue	Details of authority issuing certificate
--------------------	---------------	--

(Signature and Seal of Authorised Signatory of notified Medical Authority)

Signature/thumb impression of the person

in whose favour certificate of disability is issued

**Annexure-XI**

Form - VI  
Certificate of Disability  
(In cases of multiple disabilities)  
[See rule 18(1)]  
(Name and Address of the Medical Authority issuing the Certificate)

Recent passport size attested  
photograph

(Showing face only) of the  
person with disability.

Certificate No.

Date:

This is to certify that we have carefully examined Shri/Smt./Kum.  
\_\_\_\_\_ son/wife/daughter of Shri  
\_\_\_\_\_ Date of Birth (DD/MM/YY) \_\_\_\_\_  
Age \_\_\_\_\_ years, male/female \_\_\_\_\_.

Registration No. \_\_\_\_\_ permanent resident of House No. \_\_\_\_\_  
Ward/Village/Street \_\_\_\_\_ Post Office \_\_\_\_\_ District \_\_\_\_\_ State  
\_\_\_\_\_, whose photograph is affixed above, and am satisfied that:

(A) he/she is a case of Multiple Disability. His/her extent of permanent physical  
impairment/disability has been evaluated as per guidelines (..... number and date  
of  
issue of the guidelines to be specified) for the disabilities ticked below, and is shown against the  
relevant disability in the table below:

S. No	Disability	Affected part of body	Diagnosis	Permanent physical impairment/mental disability (in %)
1.	Locomotor disability	@		
2.	Muscular Dystrophy			
3.	Leprosy cured			
4.	Dwarfism			
5.	Cerebral Palsy			
6.	Acid attack Victim			
7.	Low vision	#		
8.	Blindness	#		

- 9. Deaf £
- 10. Hard of Hearing £
- 11. Speech and Language disability
- 12. Intellectual Disability
- 13. Specific Learning Disability
- 14. Autism Spectrum Disorder
- 15. Mental illness
- 16. Chronic Neurological Conditions
- 17. Multiple sclerosis
- 18. Parkinson's disease
- 19. Haemophilia
- 20. Thalassaemia
- 21. Sickle Cell disease

(B) In the light of the above, his/her over all permanent physical impairment as per guidelines ( number and date of issue of the guidelines to be specified), is as follows:

In figures ----- percent

In words:- ----- percent

2. This condition is progressive/non-progressive/likely to improve/not likely to improve.

3. Reassessment of disability is :

(i) not

necessary, or

(ii) is recommended/after ..... years ..... months, and therefore this certificate shall be valid till -----

(DD) (MM) (YY)

@ e.g. Left/right/both arms/legs

# e.g. Single eye

£ e.g. Left/Right/both ears

4. The applicant has submitted the following document as proof of residence:

Nature of document

Date of issue

Details of authority issuing  
certificate

5. Signature and seal of the Medical Authority.

Name and Seal of Member

Name and Seal of Member

Name and Seal of the  
Chairperson

Signature/thumb impression of the person in whose favour certificate of disability is issued.



Form – VII  
Certificate of Disability  
(In cases other than those mentioned in Forms V and VI)  
(Name and Address of the Medical Authority issuing the Certificate)  
(See rule 18(1))

Recent passport size  
attested photograph  
(Showing face only) of the  
person with disability

Certificate No.

Date:

This is to certify that I have carefully examined

Shri/Smt./Kum. \_\_\_\_\_ son/wife/daughter of  
Shri \_\_\_\_\_ Date of Birth (DD/MM/YY) \_\_\_\_\_  
\_\_\_\_\_ Age \_\_\_\_\_ years, male/female \_\_\_\_\_ Registration No.  
\_\_\_\_\_ permanent resident of House No. \_\_\_\_\_ Ward/Village/Street  
\_\_\_\_\_ Post Office \_\_\_\_\_ District \_\_\_\_\_  
State \_\_\_\_\_, whose photograph is affixed above, and am satisfied that he/she  
is a case of \_\_\_\_\_ disability. His/her extent of  
percentage physical impairment/disability has been evaluated as per guidelines ( \_\_\_\_\_  
..... number and date of issue of the guidelines to be specified) and is shown against the  
relevant disability in the table below:

S. No	Disability	Affected part of body	Diagnosis	Permanent physical impairment/mental disability (in %)
1.	Locomotor disability	@		
2.	Muscular Dystrophy			
3.	Leprosy cured			
4.	Cerebral Palsy			
5.	Acid attack Victim			
6.	Low vision	#		
7.	Deaf	€		
8.	Hard of Hearing	€		
9.	Speech and Language disability			

10.	Intellectual Disability			
11.	Specific Learning Disability			
12.	Autism Spectrum Disorder			
13.	Mental illness			
14.	Chronic Neurological Conditions			
15.	Multiple sclerosis			
16.	Parkinson's disease			
17.	Haemophilia			
18.	Thalassemia			
19.	Sickle Cell disease			

(Please strike out the disabilities which are not applicable)

2. The above condition is progressive/non-progressive/likely to improve/not likely to improve.

3. Reassessment of disability is:

(i) not necessary, or

(ii) is recommended/after \_\_\_\_\_years \_\_\_\_\_months, and therefore this certificate shall be valid till (DD/MM/YY) \_\_\_\_\_

@ - eg. Left/Right/both arms/legs

# - eg. Single eye/both eyes

€ - eg. Left/Right/both ears

4. The applicant has submitted the following document as proof of residence:

Nature of document	Date of issue	Details of authority issuing certificate

(Authorized Signatory of notified Medical Authority)

(Name and Seal)

Countersigned  
{Countersignature and seal of the  
Chief Medical Officer/Medical Superintendent/ Head of  
Government Hospital, in case the Certificate is issued  
by a medical authority who is not a Government  
servant (with seal)}

Signature/thumb impression of the person in  
whose favour certificate of disability is issued

Note: In case this certificate is issued by a medical authority who is not a Government servant, it shall be valid only if countersigned by the Chief Medical Officer of the District.

## Annexure-XIII

### Educational Qualification

Diploma
B.E.
B.Tech.
AMIE (Part A & Part B)
BSc (Engg.)
M.E.
M. Tech.
M. Sc (Engg.)

## **Annexure-XIV**

### **Subject for Educational Qualification**

<b>Stream/ Subject of Educational Qualification</b>
Civil Engineering
Electrical Engineering
Mechanical Engineering

Specimen of Photographs

Acceptable Photograph



Samples of photographs which are not acceptable

Extra Colour



Too close



With hat/cap



Blur Photographs



Inverted

Too dark

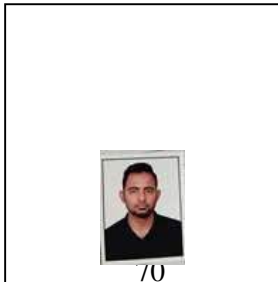
With goggles



Facing Sideways

Too Small

With spectacles



**MEDICAL STANDARDS OF RECRUITMENTS FOR GREF**

**General**

1 Every recruit must be sufficiently intelligent, free from nervous instability and be in possession of sound health. He shall have no constitutional or acquired disability as may in the opinion of Recruiting Medical Officer render him unfit for duties, in the organization, particularly at high altitude and hard areas.

**General examination**

2 It is absolutely essential in all cases to have the recruits stripped while carrying out medical examination. Due regard be paid to privacy and decency. It is not sufficient that the clothing be only partially removed. An underwear may be permitted except when the examination is being carried out involving private parts. Every part of the body must be examined and if a recruit does not submit to this even after persuasion, he will be rejected. Permanent body tattoos are only permitted on inner face of forearms i.e. from inside of elbow to the wrist and on the reverse side of palm/back (dorsal) side of hand. However, in case of an obscene, vulgar or objectionable tattoo, the DDG (Pers)/Comdt GREF Centre will take a final decision on acceptability/unacceptability of such tattoo. The decision of the DDG (Pers)/ Comdt GREF Centre in the matter shall be final. Permanent body tattoos on any other part of the body is not acceptable and candidate will be barred from further screening.

**Responsibility for physical fitness**

3 The examining Medical Board is responsible for checking the physical fitness of the recruits, the likelihood of their physical development and for their identification marks. The Board will also enter on the enrolment form any minor defects insufficient to cause rejection. In the case of fit recruits the Board will make the necessary entry on the enrolment form, the wording used being Fit-category GREF-I and return it to the enrolling officer. The signature of the examining Medical Officer on the enrolment form will be accepted as equivalent to a declaration that he has personally examined the recruit in question according to the existing instructions and that the recruit has no blemish or defect except those noted on the enrolment form. Remarks relating to any defects in the recruit will be endorsed in the medical examiner's own handwriting. When there are no distinctive marks this must be stated.

**Medical History Sheet GREF/MED/2A**

4 This is a document of great importance which is linked to claims for disability pension on soldier's discharge from the service Medical items in table No 1 of GREF/MED/2A will be completed by the Medical Board GREF/MED/2A is placed at Annexure-I to Schedule-III of Notification.

5 Any failure of officers concerned to give attention to the preparation and maintenance of these documents, and inaccuracy in or insufficiency of the entries therein may cause considerable delay, much expense and grave injustice to the person recruited. Medical Officers will, therefore, take every care to ensure that all necessary entries are carefully and accurately made at the time of examination.

6 Marks and small defects are to be noted concisely and clearly in the space allotted for the purpose in order to facilitate the men's future identification. Special attention should always be drawn to any defects which may influence decision on possible claims for pension in the future.

## **RULES GOVERNING MEDICAL INSPECTION OF CANDIDATES IN GREE**

### **Principal points in Medical Examination of Candidates**

7 Principle points in medical examination of recruits. In the inspection of candidates the principle points to be attended to, are as under:

- a) That the candidate is sufficiently intelligent (Any defect may be observed during the examination).
- b) That his bearing is good and that there is no sign of disease of ear, nose and throat.
- c) That his vision with either eye is up to the required standard, his eyes are bright, clear and with no obvious squint, nystagmus or other abnormality. Movement of eye balls should be full and free in all directions.
- d) That his speech is without impediment.
- e) That he has no glandular swelling.
- f) That his chest is well formed, and that his heart and lungs are sound.
- g) That his limbs are well formed, and fully developed.
- h) That there is free and perfect action of all the joints.
- i) That his feet and toes are well formed.
- j) That he has no congenital malformation or defects.
- k) That he does not bear traces of previous acute or chronic diseases pointing to an impaired constitution.
- l) That he possesses sufficient number of sound teeth for efficient mastication.
- m) That he has no disease of the genitor-urinary tract.



### **Ground for permanent rejection**

- 8 Candidates presenting with following conditions will be rejected:
- a) General impaired Constitution with frail health (BMI less than 18).
  - b) Abnormal Gait.
  - c) Abnormal Posture (Kyphosis, Scoliosis or Lordosis).
  - d) Gross physical deformity of chest, (pigeon chest, Barrel shaped chest, pectusexcavatum, Harrison's sulcus & joints (Knock knee bow, leg, flat feet etc).
  - e) Defective Intelligence.
  - f) Deafness.
  - g) Pronounced Stammering.
  - h) Mental and nervous instability includes coarse Digital Tremors, palmar & plantar Hyperhydrosis and Tachycardia (Pulse rate more than 100/min).
  - j) Sexually Transmitted diseases.
  - k) Any degree of squint or nystagmus.
  - l) Cases of colour blindness.
  - m) Corneal Opacities effecting binocular vision of the individual.
  - n) Perforation of Tympanic membrane.
  - o) Chronic Suppurative Otitis Media/Mastoiditis.
  - p) Loss or decay of teeth to such an extent as to interfere with proper mastication. Dental points less than 14.
  - q) Chronic Lung Infection.
  - r) Endocranial Disorder.
  - s) Cardiac murmur or Hypertension (BP>140/95 mm Hg).
  - t) Gross degree myopia & cases of corneal surgery for refractive error.
  - u) Healed fracture with implants or ankylosis of effected joints due to fracture.
  - v) Any amputation effecting in the working efficiency of individual.
  - w) Permanent body tattoos are only permitted on inner face of forearms i.e. from inside

of elbow to the wrist and on the reverse side of palm/back (dorsal) side of hand. However, in case of an obscene, vulgar or objectionable tattoo, the DDG (Pers)/Comdt GREF Centre will take a final decision on acceptability/unacceptability of such tattoo. The decision of the DDG (Pers)/ Comdt GREF Centre in the matter shall be final. Permanent body tattoos on any other part of the body is not acceptable and candidate will be barred from further screening.

### **Grounds for Temporary Rejection:**

- 9 Following are the grounds for temporary rejection:
- (a) Pterygium
  - (b) Conjunctivitis
  - (c) Defective Vision (corrected with glasses, 6/6 in both eyes is acceptable)
  - (d) Trachoma Grade III
  - (e) Deviated Nasal Septum
  - (f) Chronic Tonsillitis
  - (g) Few decayed teeth (corrected with denture is acceptable)
  - (h) PityriasisVersicolor
  - (j) TineaCruis, Scabies, Eczema etc
  - (k) Planter Warts
  - (l) Hydrocele, Hernia, Vericocele
  - (m) Vericose Veins
  - (n) Phimosis, Fissure in ano or abscess, Haemorrhoids
  - (o) Acute infection of respiratory tract
  - (p) Gynaecomastia
  - (q) Anaemia
  - (r) Hepatosplenomegaly
  - (s) BMI above 30 (Should bring down BMI to below 30 within 3 months will be accepted)

### **Acceptance of Candidates with Minor Defects:**

- 10 Candidates presenting with mild degree of following defects may be accepted:
- (a) Mild Flat Feet but flexible and Hammer toes.
  - (b) Mild knock knee (Inter malleolic distance 5 cms).
  - (c) Mild Bow Legs (Inter condylar distance 7 cms).
  - (d) Mild Degree of Sephenavarix.
  - (e) Slight degree of Vericocele, or undescended testis (Not arrested in inguinal region).
  - (f) Healed perforation of Ear drums.
  - (g) Healed Trachoma without residual gross deformity.
  - (h) Slight stammering.
  - (j) Mild hyperhydrosis.
  - (k) Mild degree phimosis or Hypospadiasis.
  - (l) Perforation in the ear drums which has healed and closed leaving a firm healthy scar (Tympanoplasty done).
  - (m) Slight curvature of leg.
  - (n) Slight hammer toe.
  - (o) Mild degree of varices.
  - (p) Teneaversicolor (Only after treatment).
  - (q) DNS (Acceptable after treatment).
  - (r) Any other slight defects which in the opinion of Recruiting Medical Officer will not interfere with work efficiency of the candidate in future provided the candidate

conforms to the prescribed standards in all respects. The mild problem if any must be recorded in the documents.

An undertaking from the candidate be taken that there is no past history of seizure, leprosy, diabetes, tuberculosis or HIV infection. All cases of past healed operations carried out will be noted in medical case sheet.

The foregoing relaxation is permissible only in the case of recruit who conform to the prescribed standards of measurements.

**Visual standard for Drivers & Operators**

Should not be colour blind (must be CP-II) and the vision with glasses corrected to be 6/6 in both eyes can be accepted.

**Time limit for clearance of any unfit by Higher Reviewing Authority**

11 (a) All cases of **permanent unfit** may be reviewed by higher medical authority and should declare him unfit/fit within 01 month duration since the time of unfit declaration.

(b) All **temporary unfit** cases may be reviewed by higher medical authority within 3 months (90 days) to clear him fit/unfit since the time of unfit declaration.

12 In all cases where a recruit is suffering from a minor defect is accepted, the Medical Board will fully satisfy themselves that the defect will not, in any way, affect the efficiency of the recruit as a subordinate serving in BRO.

13 Whenever recruits who are suffering from minor defects as mentioned in Para 10 above are accepted, the defects will invariably be noted in the medical history sheet GREF/MED/2A.

14 Recruits suffering from minor health problems of ordinary nature such as simple sores, shoe bite, common cold coughs and similar other minor ailments which usually last only a few days may be accepted. Medical Board before accepting such a recruit must fully satisfy themselves that the disease is likely to be cured in a few days without indoor treatment. Normally, unless the recruit is required to meet some urgent demand which cannot be met readily, he should be advised to get himself treated and come again. If recruit who is suffering from a minor disease of any nature is accepted, no entry need to be made of the disease in the medical history sheet GREF/MED/2A.

15 The decision of the Medical Board in all cases of rejection due to not meeting the required medical standards will be final.

