

INDIAN RAILWAYS TECHNICAL SUPERVISORS ASSOCIATION

(Estd. 1965, Regd. No.1329 under ITU Act – 1926) Website <http://www.irtsa.net>

M. Shanmugam,
Central President, IRTSA
4, Sixth Street, TVS Nagar, Padi,
Chennai - 600050.
Email- cpirtsa@yahoo.com
Mob:09443140817



Harchandan Singh,
General Secretary, IRTSA,
C.Hq. 32, Phase 6, Mohali,
Chandigarh-160055.
Email-gsirtsa@yahoo.com
Mob: 9316131598

No. IRTSA/CEC/Memo RB/2019-2

Date: 11.03.2019

Shri S. N. Agrawal,
Member Staff, Railway Board,
Rail Bhawan, New Delhi-110001

Subject: Classification of Posts of Technical Supervisors in Group B – Appeal for review of Report of the Committee on Classification of Posts on Railways.

Reference: i) Railway Board's Letter No. ERB-I/2018/23/29 dated 12.06.2018

- ii) **Reclassification of Foreman (Technical) Group C as Junior Works Manager Group B (Gaz) with no change in functions, Ministry Defence order dated 13.04.1993. – (Copy placed as Annexure – 2).**
- iii) **Merger and classification of technical posts as Group B (Gaz) Ordinance Factory Board, MoD order dated 04.02.2011. – (Copy placed as Annexure- 3)**
- iv) **Classification of posts in CPWD based on DoPT notification, CPWD OM dated 25.10.2010. – (Copy placed as Annexure – 4)**
- v) **Classification of Scientific Asst, Asst Forman & Chief D'Man as Group B (Gaz) by DGQA (MoD) order dated 09.11.2009. – (Copy placed as Annexure – 5)**
- vi) **Classification Junior Technical Officer as Group B (Gaz). DGQA (MoD) notification dated 16.11.2011. – (Copy placed as Annexure – 6)**
- vii) **Classification of Junior Engineers as Group B (non Gaz). SSC notice dated 21.10.2017. – (Copy placed as Annexure – 7)**

1. We seek your benign intervention on an issue of serious concern to over 67,000 Engineers/Technical Supervisors on Indian Railways in regard to their avenues of promotion and denial of classification in Group B (Gazetted) to them at par with their counterparts in other Central Government Departments including the Ordnance Factories, CPWD & MES etc.

2. This issue has been represented to the Railway Board many times over the years. A lot of assurances were given by the then CRBs and Members of the Railway Board. But the issue kept on hanging in spite of strong recommendations by high powered Committees – including Railway Accident Inquiry Committees headed by Justice Wanchoo (1969) and Justice Sikri (1978), Railway Reforms Committee (1984) and Railway Safety Committees headed by Justice Khanna (1998) besides others - to classify Senior Technical Supervisors in Group B Gazetted to ensure “safety” on the Railways.

3. A Committee was formed by the Railway Board to examine the issue of classification of Group C Posts in Group B vide Railway Board's Letter No. ERB-I/2018/23/29 dated 12.06.2018. But it is regretted that the much awaited Report of the Committee on Classification of Posts on Railways has not done justice and has unjustly proposed for classification of Posts in Grade Pay Rs.4600/Level 7 - on Railways - in Group B Non-Gazetted instead of Group B Gazetted on the Railways at par with the Technical Supervisors in other Departments.

4. We draw your kind attention to the following specific issues due to which the Committee had not done justice with the Technical Supervisors while arriving at their conclusions:

- 4.1 **The Committee has mentioned as under (in Para 1 of Executive Summary of its Report) that:** “The Classification of posts in the Central Government into different Groups is notified after revision of pay structure following implementation of each Central Pay Commission. For Posts governed by the CCS (CCA) Rules, DoP&T issues the notification while the Ministry of Railways issues this notification for Railway employees covered under RS (RP) Rules. While classification of posts as Group-A in the Railways essentially follows the CCS (CCA) classification, this is not so for posts classified as Group-B and Group-C. Posts in GP 4200/Level-6,

GP 4600/Level-7, GP 4800/Level-8 & GP 5400 (where such posts are not classified as Group-A) are classified as Group-B under the CCS (CCA) classification rules notified by DoP&T. Within this Group-B classification, posts in GP 4200/Level-6 are generally classified as 'non-gazetted' and those in GP 4600/Level-7 and above as 'gazetted' in the Recruitment Rules.

- 4.2 In spite of the above said position having been taken note of by the Committee, as prevailing in other Central Government Departments as compared to the Railways, the Committee has not accepted the demand for Classification of Posts of Senior Technical Supervisors (SSE etc.) in Level 7 in Group B Gazetted on the Railways - at par with other Departments.
- 4.2.1 Details position prevailing in other departments are indicated below and the copies of the related orders, as referred to above) are attached herewith for ready reference regarding other Central Government departments classifying the counterparts of JEs as Group B (non-Gaz) & SSEs in Group B (Gaz) respectively:
- 4.2.2 Department of Defence Production & Supplies (MoD) had reclassified Forman (Technical) (in Pay Scale Rs.2375-3500 / now Level 7) from Group C to Group B (Gaz) as Junior Works Manager (Copy of order 13-4-1993 is attached as Annexure-2).
- 4.2.3 Ordinance Factory Board (MoD) merged the post of Asst. Forman (Group B non-Gaz) Pay Scale Rs.6500-11500 with Junior Works Manager in Pay Scale 7450-11500 (now in Level 7) and classified both as Group B (Gaz), (Copy of order dated 4-2-2011 is attached as Annexure-3).
- 4.2.4 CPWD classified all its posts based on DoPT notification, OM (Copy of order dated 25-10-2010 is attached as Annexure-4).
- 4.2.5 DGQA (MoD) classified Scientific Asst, Asst Forman & Chief Draftsmen as Group B (Gaz), (Copy of order is attached as Annexure-5).
- 4.2.6 DGQA (MoD) classified Junior Technical Officer (Scientist) & Chief Draftsmen in Scale Rs.7450-11500 / Level 7 as Group B (Gaz), (Copy of notification dated 1-11-2009 is attached as Annexure-6).
- 4.2.7 Nine Central Government departments had classified the posts of Junior Engineer (Civil, Mechanical & Electrical) as Group B (non-Gaz), Copy of Staff Selection Commission notice dated 17-11-2017 is attached as Annexure-7).
5. The main reason for non-acceptance of this demand, given by the Committee, was that the number of posts in Group B Gazetted would be substantially raised if all posts in Level 7 on the Railways were to be given Group B Gazetted. This conclusion was apparently on account of unjust clubbing of posts of Technical Supervisors with all the Non-technical categories in Group C while arriving at the above said conclusion, thereby ignoring the recruitment qualifications of Diploma and Degree in Engineering for JEs & SSEs respectively as well as their duties and on-the-spot managerial responsibilities towards the safety and efficiency of the Railways.
- 5.1 The Committee unjustly cited a figure of over 2.9 lakhs posts in the table (in para 10.1.3.c) which would have to be classified in Group B if all the Posts in Grade Pay 4200/ Level 6 and Grade Pay Rs.4600/Level 7 were to be placed in Group B.
- 5.2 Technical Supervisors were the only ones to seek classifications in Group B Gazetted for SSE,CDMS& CMS and sought Group B Non-Gazetted for JEs, DMS &CMSs keeping in view their Duties &responsibilities and parity with their counterparts in other Departments. But the Committee clubbed them with the non-technical cadres and complicated the issue by focusing on projected numbers rather than the merits based on duties and responsibilities.
6. 7th CPC in its recommendations for Technical Supervisors in para 11.40.113 said that, "*there is some element of stagnation at the GP 4600 stage. Accordingly Railway Board should consider enhancing the number of posts in the next higher level, with commensurate increase in the number of directly recruited Group 'A' officers so as to maintain the 1:1 ratio*". These Recommendations of 7th CPC for improving the avenue of promotion for Senior Section Engineers have not been considered by the Committee.

7. IRTSA had pleaded before the Committee that the case of non-technical and Technical Supervisors needed to be considered separately to decide about their classification on the basis of merits, job requirements, the Guidelines laid down by the DoPT for Classification of Posts as Gazetted and Non-Gazetted. But the Committee has ignored this argument altogether.
8. It may further be submitted that:
 - 8.1 Number of Posts of Group A and Group B are very low on the Railways as compared to the total strength of 12.75 lakhs of Railway-men as well as compared to nearly 80,000 posts to Supervisory and managerial staff presently in Group A, B and C combined together.
 - 8.2 As such, it is necessary to substantially increase the number of Officers in Group A and B on the Railways for better management, safety, efficiency and modernization of the system as well to provide adequate avenues of promotion to the Technical Supervisors and Group A & B Officers as a whole. This has been accepted by Railway Board, CRB, Financial Commissioner, Member Staff and many other Board officials had recorded their ascent for the same and placed them on record of the Railway Board.
 - 8.3 This can only be effectively achieved through Classification of the Posts of Technical Supervisors in Group B Gazetted and upgradation/reclassification of a reasonable number of posts presently in Group B be upgraded/reclassified in to Group A.
 - 8.4 The committee has also not considered Railway Board's own decision on the financial advantages Railways are expected to get by increasing the strength of Gazetted Cadre in Railways, besides other administrative advantages.
 - 8.5 The Committee has recommended continuation of existing emoluments (including the Allowances, PLB & Workshop Incentive) after reclassification in Group B. But regrettably the Committee has proposed that no facilities of Group B be given on classification in Group B Non-Gazetted. This has taken away even the marginal advantage of the proposed reclassification.

9. Technical Supervisors play a very vital role in optimizing the productivity, efficiency, quality control and safety on Railways - as site managers - for manufacture, repair, maintenance of Locomotives, Coaches, Wagons, P-Way Tracks, Signal & Telecommunication, Civil Engineering Works, Bridges, Power Houses, Over-Head Electrification and those of related spare parts, equipment and processes thereof, in the Production Units, Workshops, Diesel & Electric Loco Sheds, P-Way, Train Lighting & C&W Depots, Store Depots, and C&M Laboratories etc.

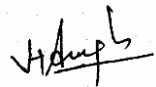
10. It is, therefore, requested that keeping in view the foregoing submissions, the following proposals for classification of posts of Technical Supervisors (as summarized in Annexure 1) may please be considered favourably for more effective quality control, better on the site management and safety on the Railways:

- i)
 - a) Senior Technical Supervisors working in Grade Pay Rs.5400/Level 9 & Rs.4800/Level 8 on Non-Functional Upgrading/MACP be classified in Group B Gazetted on personal basis;
 - b) Senior Technical Supervisors (sanctioned strength 44660) in GP Rs.4600/Level 7 be classified in Group B Gazetted;
 - c) Technical Supervisors (JEs, CMAs & DMSs with sanctioned strength of 22446) in Grade Pay Rs.4200/Level 6 be classified in Group B Non-Gazetted. *(Number of posts of Technical Supervisors / Engineers which may be classified in Group 'B' (Gaz) and Group 'B' (non Gaz) is submitted in table in the annexure-1).*
- ii) **Periodical (Combined) Cadre Restructuring of Posts in Level 6 to Level 9** *(including those of Technical Supervisors which are proposed to be placed in Group B and the existing Group B);*
- iii) **Continuation of 20% Direct Recruitment of Engineering Graduates as SSEs on Railways, is required for effective introduction & implementation of continued modernization on Railways. However, adequate avenues of promotion be provided to them and to all Technical Supervisors through "time-bound-promotion" and periodic Cadre Restructuring;**

- iv) Introduction of DPC based system, as prevailing in other Departments, for Promotion from Level 7 to Level 8 onwards, to simplify the procedure and to speed up Gr-B (Gaz) selections;
- v) Continuation of existing Allowances PLB, Workshop Incentive etc., as admissible to functional designation & Pay Level – as rightly recommended by the Committee, since the duties & responsibilities will remain the same after re-classification;
- vi) The entitlement of Passes, ORH& other facilities need to be the same both for Group B Gazetted and Group B Non-Gazetted in the interest of natural justice;
- vii) Senior Supervisors on the Railways do require a Forum to represent & for redressal of their grievances & problems to ensure adequate level of job satisfaction essentially required for effective discharge of their duties and responsibilities – as has been repeatedly emphasized by the Railway Accident Inquiry Committees (RAICs), Railway Reforms Committee and Railway Safety Committee etc;
- viii) RRs (Recruitment Rules) for promotion to Group B be liberalized in line with the similarly placed Staff in other Central Government Departments.

Thanking you in anticipation, with kind regards,

Yours faithfully,



(Harchandan Singh),
General Secretary, IRTSA

Enclosures: 7 Annexure.

Copy for information & favourable action to:

Secretary (Establishment), Railway Board, Rail Bhawan, New Delhi – 110001.

TECHNICAL SUPERVISORS AS GROUP B (NON GAZ) & GROUP B (GAZ) IN RAILWAYS

Desg	6th CPC Grade Pay	7th CPC Pay Level	Sanctioned strength	Proposed classification
JE	Rs.4200	Level-6	21155	Be classified as Group B Non-Gaz
CMA	Rs.4200	Level-6	257	Be classified as Group B Non-Gaz
DMS	Rs.4200	Level-6	1034	Be classified as Group B Non-Gaz
Sub Total			22446	Group B non-Gaz for Tech. category
SSE	Rs.4600	Level-7	42083	Be classified as Group B Gazetted
CMS	Rs.4600	Level-7	1027	Be classified as Group B Gazetted
CDMS	Rs.4600	Level-7	1550	Be classified as Group B Gazetted
Sub Total			44660	Group B Gaz for Tech. category
Grand Total			67106	Gr B Gaz& non-Gaz for Tech. category

No. 75/Staff/A/NG
Government of India
Ministry of Defence
Ordnance Factory Board,
10-A, Auckland Road,
Calcutta -1
Dated the 22nd June, 1993.

To
The General Managers,
All Ordnance & Clothing Fys.

Sub: Reclassification of Foreman (T) (Pay Scales Rs. 2375-3500)
from Group C to Group B (Gazetted).

Ref : M of D letter No. 7(2) /92/D(FY.I) dated 13.04.93.

Copy of the letter under reference is enclosed herewith for information. Action has already been initiated for amendment of SRO and other formalities. This may be brought to the notice of NGOs and also to their association for information.

2. No further action need be taken at this stage until further communication from O.F. Board, Calcutta.

(B. PUGAZHENDHI)
J.Director/NG
for Director General, Ordnance Factories.

Copy to:

1. M of D/ D (FY-I), New Delhi.
2. The CC of A/ Fys, Calcutta.
3. The Addl. DGOF/AV., Armoured Vehicle Hqrs., Avadi, Madras - 54.
4. The Addl. DGOF/OEF., G.T.Road (Near DMSRDE) , Kanpur - 208013.
5. The DDG/Coord, Ordnance Factories Cell, G Block, New Delhi.
6. The DDGOF/IR.

F. No. 7(2) /92/D (FY.I)
GOVERNMENT OF INDIA
MINISTRY OF DEFENCE
(DEPARTMENT OF DEFENCE PRODUCTION & SUPPLIES)

NEW DELHI, the April 13, 1993

To
The DGOF & Chairman,
Ordnance Factory Board,
10-A, Auckland Road,
Kolkata 700-001.

SUB : RECLASSIFICATION OF FORMAN (T) (PAY SCALES RS. 2375-3500)
FROM GROUP –C GROUP B (GAZETTED)

Sir,

I am directed to convey the sanction of the President to the reclassification of the post of Foreman (Technical) Group (C) in the pay scale of Rs. 2375-3500, in the Ordnance Factories as Junior Works Manager Group (B) (Gazetted). There will, however, be no change in the functions of the erstwhile Foreman(T) now reclassified as Junior Works Manager in respect of shop floor level management working hours, shift duties etc.

2. Ordnance Factory Board will take necessary action to modify the Recruitment Rules for the post of Foreman (Technical) now classified as Junior Works Manager in consultation with the Union Public Service Commission.

Yours faithfully,

- s/d -
(SURENDRA SINGH)
DIRECTOR

Copy to:

1. The Addl. DGOF., Kanpur.
2. The Addl.DGOF, AV Hqs, Avadi.
3. The Controller of Accounts (factories), Calcutta.
4. The Controller General of Defence Accounts, New Delhi.

No. 3265/6th CPC/IMPL/2011/A/NG
 Government of India
 Ministry of Defence
 Ordnance Factory Board
 10-A, Shaheed Kshudiram Bose Road
 Kolkata - 700 001
 Dated : 04-02-2011.

1. The Addl. DGOF / OEF Hqrs., Kanpur.
2. The Addl. DGOF / AV Hqrs., Avadi.
3. All Sr. General Managers / General Managers of Ordnance & Ordnance Equipment Factories
4. The Sr. Principal Director, NADP, Ambajhari, Nagpur.
5. All RMCs, RCSs & OFILs
6. The DDGOF / Co-ord, OF Cell, 'G' Block, New Delhi.
7. The DDGOF / OF Cell, Mumbai.
8. The DDGOF / Hqrs., O F Board, Kolkata.

Sub:- 6th CPC implementation – Merger of the Posts of Asstt. Foreman / Foreman / Storeholder in the Pay scale of Rs.6500-10500 and Junior Works Manager in the Pay scale of Rs.7450-11500.

Ref:- Minutes of 1st (2011) Board Meeting, held on 31.01.2011.

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Sanction of the competent authority is hereby conveyed for merger of the Post of Asstt. Foreman / Foreman / Storeholder in the Pay scale of Rs.6500-200-10500 (Pre-revised) and the post Junior Works Manager / Technical & Non-Technical in the Pay scale of Rs.7450-225-11500 (Pre-revised) in a single grade of Junior Works Manager / Technical & Non-Technical in the corresponding Pay Band (PB-2) of Rs.9300-34800 with the Grade Pay of Rs.4600 under the provisions of Sub Para (ii), Section I and Para XVIII (3), Section II, Part-B of CDS (RP) Rules, 2008 published vide SRO 21 (E), dated 9th September, 2008.

2. The revised pay structure, Grade pay and common nomenclature of these posts will be as under:-

TECHNICAL

Pre-revised / Before merger		Revised / After merger		Name of the post after merger with sanctioned strength
Name of the post with sanctioned strength	Pre-revised / Existing Pay scale	Pay scale recommended by 6 th CPC, as approved by the Govt.		
		Pay Band	Grade Pay	
Asstt. Foreman (Group 'B' NG) (4358)	Rs.6500-200-10500	Rs.9300-34800 (PB-2)	Rs.4600	Jr. Works Manager/ Technical (Group 'B' – Gezatted) (6911)
Jr. Works Manager/ Technical (Group 'B' - Gezatted) (2553)	Rs.7450-225-11500	Rs.9300-34800 (PB-2)		

Contd....2.

NON-TECHNICAL / STORE

Pre-revised / Before merger		Revised / After merger		
Name of the post with sanctioned strength	Pre-revised / Existing Pay scale	Pay scale recommended by 6 th CPC, as approved by the Govt.		Name of the post after merger with sanctioned strength
		Pay Band	Grade Pay	
Foreman (NT) / Storeholder (Group 'B' NG) (652)	Rs.6500-200-10500	Rs.9300-34800 (PB-2)	Rs.4600	Jr. Works Manager/ Non-Technical / Store (Group 'B' – Gezatted) (783)
Jr. Works Manager/ Non-Technical / Store (Group 'B'- Gezatted) (131)	Rs.7450-225-11500	Rs.9300-34800 (PB-2)		

3. Recruitment Rules for the subject posts will be revised accordingly. The effective date of merger will be with effect from 01.01.2006.

4. This issues with the approval of the competent authority.

(Authority : M of D ID No. PC 34 (19)/08/D (Fy-II), dated 18.01.2011)


(S S NASKAR)
Director/NG,

for Director General, Ordnance Factories.

Copy to:-

1. All Members at OFB, Kolkata.
2. Principal Controller of Accounts (Fys), Kolkata.
3. The Secretary, OF Board, Kolkata
4. PPS to DGOF / Chairman, OF Board, Kolkata
5. DDG / Admin
6. DDG / IR
7. All JCM (OFB), Staff Side Members.

No.12/30/2009-EC.IV(SC)
Government of India
Directorate General
Central Public Works Department

Nirman Bhavan, New Delhi.
Dated 25 October, 2010.

OFFICE MEMORANDUM


Subject: Clarification for Classification of posts -

The undersigned is directed to refer to Office of SE (Coord.), Co-ordination Circle (Civil), NR, CPWD, New Delhi letter No.9(4)/2010/Coord.Circle (Civil)/EC/2239 & 2240 dated 6th September, 2010 on the subject mentioned above and to clarify the points raised by them as follows :-

S.No.	Issues involved	Clarification
1.	The Directorate have not issued any order for categorization of staff based on DOPT's order dated 09.04.2009	As the pay of all the officers/officials of CPWD have been revised based on notification issued by the Ministry of Finance, Department of Expenditure on Sixth CPC recommendation, the order regarding classification of posts based on Grade Pay as issued by the DOPT vide its Notification dated 09.04.2009 is to be implemented in toto. No separate order is required to be issued by this Directorate.
2.	As per DOPT's order dated 09.04.2009, the Central Civil post carrying the grade pays of Rs.2800/-, Rs.2400/-, Rs.1900/- and Rs.1800/- in the scale of pay of Rs.5200-20200 in Pay Band-I has been classified as Group 'C' posts. The pre-revised Group 'D' employees which are dealt with this office who have now been placed in PB-I with grade pay of Rs.1800/- but the CGEGIS contribution is being recovered @ Rs.15/-p.m. is	Attention is invited to Ministry of Finance, Department of Expenditure O.M.No.7(1)/EV/2008 dated 10.09.2010 (copy enclosed) in which the monthly subscription has been enhanced towards CGEGIS and insurance coverage to the erstwhile Group 'D' employees placed in PB-1 with Grade Pay of Rs.1800 and classified as Group 'C' @ Rs.30/- per month from 1 st January of the next calendar year i.e. January, 2011.

S.No.	Issues involved	Clarification
	for Group 'D' posts. Similar directions for recovery of raised contribution from pre-revised Group D employees @ Rs.30/- are also sought so that the orders of Govt. of India could be followed.	
3.	All Central Civil Posts carrying the Grade Pays of Rs.5400/-, Rs.4800/-, Rs.4600/- and Rs.4200/- in the Pay Band-2 of Rs.9300-34800 have been classified as Group 'B' post. In CPWD posts like Office Superintendent Grade-II, Head Clerk, Junior Hindi Translator, Junior Engineer (Civil), Draftsman Grade I and II, Stenographer Grade I and II are placed in the grade pay of Rs.4200/- and are required to be treated as Group 'B' as per DOPT's order dated 09.04.2009. But as on date CGEGIS contribution to these categories is being recovered @ Rs.30/- p.m. which is for Group 'C' posts. Keeping in view of this, direction is required in the matter whether all the post carrying the Grade Pay of Rs.4200/- in the Pay Band-2 to be treated as Group B as per DOPT Order and CGEGIS contribution to be recovered @ Rs.60/- p.m.. If yes, then from which date the raised contribution is to be recovered.	As per DOPT's notification dated 09.04.2009, all the posts carrying the Grade Pay of Rs.4200/- in the Pay Band-2 is to be treated as Group B. However, there is no specific instructions issued by the Ministry of Finance, Department of Expenditure about recovery of CGEGIS contribution @ Rs.60/- p.m. and the effective date of such recovery except in the case of Group D staff, as highlighted under S.No.2. The clarification is required to be obtain from Ministry of Finance, Department of Expenditure on this matter.
4.	Whether the pre-revised Group D staff (now placed in PB 1 in the pay scale of Rs.5200-20200 with grade pay of Rs.1800/-) are to be granted different kind of advances (interest free and interest bearing) and other allowances like liveries, washing, cycle or not. And APAR (Annual Performance Appraisal Report) are to be written or not since these Group 'D' employees have not been upgraded to Group 'C' by Directorate till date.	There is no requirement for issue of any order by this Directorate for upgradation of Group 'D' employees to Group 'C'. The order already issued by the DOPT/Ministry of Finance on Sixth CPC recommendation on this matter is to be implemented in toto. However, no order is available for withholding of grant of different kind of advances and

S.No.	Issues involved	Clarification
		other allowances like liveries, washing, cycle etc. The clarification is required to be obtain from Ministry of Finance, Department of Expenditure on this matter.


07 (Kailash Choudhary)
Deputy Director (Admn.)
✓

Superintending Engineer (Coord.)
Co-ordination Circel (Civil),
Northern Region, East Block-I,
Level-VI, R.K.Puram,
New Delhi-110066.

Issued
8
25/11

A/92163/VICPC/DGQA/Adm-7B

9 Nov 2009


MINISTRY OF DEFENCE
(DGQA/ADM-7B)

UPGRADATION OF ASSTT FOREMAN, SA-I AND CHIEF D'MAN-II
AND MERGER WITH JTO/JTO(S)/JTO(D)

1. JTO, JTO(S) and JTO(D) in DGQA in the pre-revised pay scale of Rs 7450-11500 are Gp 'B' gazetted posts.

2. As per Min of Defence letter No. A/92163/Vith CPC/DGQA/Adm-7B/5023/D(QA)/2008 dated 14 Jan 2009, the post of Scientific Asstt Gde-I have been upgraded and redesignated as JTO(S). Similarly, as per Min of Def letter No. A/92163/Vith CPC/DGQA/Adm-7B/126/D(QA)/2008 dated 22 Jan 2009 the post of Asstt Foreman has been upgraded and merged with JTO and the post of Chief D'Man-II with JTO(D).

3. In view of the above all existing SA-I, Asstt Foreman and Chief D'Man-II of DGQA cadre stand redesignated as JTO(S), JTO and JTO(D) respectively. They may henceforth be issued SLIC authorized to Gp 'B' Gazetted officers as they are now Group 'B' Gazetted Officers.


(KP Thomas)
DDG(Pers)

Security Office
'H' Block
Min of Defence

Copy to :-

Dte of Standardisation

DGQA(Coord)

DGQA/Veh-I/Arm-I/L-I/EE-I/S-I

Government of India
Ministry of Defence
Department of Defence Production
Directorate General of Quality Assurance

New Delhi, the 16/11/2011

NOTIFICATION

S.R.O 69 .-In exercise of the powers conferred by the proviso to article 309 of the constitution and in supersession of the Department of Defence Production and Supplies, Director General Quality Assurance Senior Scientific Assistant and Chief Draughtsman Recruitment Rules 2000, in so far as they relate to the post of Senior Scientific Assistant, the Department of Defence Production, Director General of Quality Assurance, Group 'B' (Scientific) posts Recruitment Rules, 2005 and the Ministry of Defence, Department of Defence Production, Directorate General of Quality Assurance, Scientific Assistant Grade-III, Group 'C' post Recruitment Rules, 2008 except as respects things done or omitted to be done before such supersession, the President here by makes the following rules regulating the method of recruitment to the posts of Junior Technical Officer (Scientific) and Scientific Assistant, in the Department of Defence Production, Directorate General of Quality Assurance namely:-

1. **Short title and Commencement.-** (1) These rules may be called the Ministry of Defence, Department of Defence Production, Directorate General of Quality Assurance, Junior Technical Officer (Scientific) and Scientific Assistant Group 'B' posts Recruitment Rules, 2011.

(2) They shall come into force on the date of their publication in the Official Gazette.

2. **Number of posts, classification, pay band and grade pay or scale of pay.-** The number of the said posts, their classification and the Pay Band and Grade Pay or Pay Scale attached thereto shall be as specified in columns(2) to (4) of the Schedule annexed to these rules.

3. **Method of recruitment, age limit, other qualifications etc.-** The method of recruitment, age limit, qualifications and other matters relating thereto shall be as specified in columns (5) to (13) of the said Schedule.

4. **Disqualification.-** No person,-

(a) who, has entered into or contracted a marriage with a person having 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 any of the said posts:

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

5. **Power to relax.-** Where the Central Government is of the opinion that it is necessary or expedient to do so, it may, by order and for reasons to be recorded in writing, and in consultation with the Union Public Service Commission, relax any of the provisions of these rules with respect to any class or category of persons.

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

SCHEDULE

Name of post.	Number of post.	Classification.	Pay Band and Grade Pay or Pay Scale.	Whether selection post or non-selection post.
(1)	(2)	(3)	(4)	(5)
1. Junior Technical Officer (Scientific) [Erstwhile post of Senior Scientific Assistant]	379* (2011) *(Subject to variation dependent on workload)	General Central Service, Group 'B', Gazetted, Non-Ministerial.	Pay Band – 2, Rs.9300-34800 plus grade pay of Rs.4600.	Selection.

Age limit for direct recruits.	Educational and other qualifications required for direct recruits.	Whether age and educational qualifications prescribed for direct recruits will apply in the case of promotees.	Period of probation, if any.
(6)	(7)	(8)	(9)
Not applicable.	Not applicable.	Not applicable	Not applicable

Method of recruitment:- whether by direct recruitment or by promotion or by deputation/absorption and percentage of the vacancies to be filled by various methods.	In case of recruitment by promotion or deputation or absorption, grades from which promotion or deputation or absorption to be made.	If a Departmental Promotion Committee exists, what is its composition.	Circumstances in which Union Public Service Commission is to be consulted in making recruitment.
(10)	(11)	(12)	(13)

By promotion	<p>Promotion:</p> <p>Scientific Assistant in the Pay Band-2, Rs.9300-34800 plus Grade Pay of Rs.4200 with five years' service in the grade rendered after appointment thereto on a regular basis and possessing Diploma in Engineering or Degree in Science from a recognized University.</p> <p>Note 1: Where juniors who have completed their qualifying or eligibility service are being considered for promotion, their seniors would also be considered provided they are not short of the requisite qualifying or eligibility service by more than half of such qualifying or eligibility service or two years, whichever is less, and have successfully completed their probation period for promotion to the next higher grade alongwith their juniors who have already completed such qualifying or eligibility service.</p> <p>Note 2: For the purpose of computing minimum qualifying service for promotion, the service rendered on a regular basis by an officer prior to 1st January of 2006 or the date from which the revised pay structure based on the 6th Central Pay Commission recommendations has been extended, shall be deemed to be service rendered in the corresponding grade pay or pay scale extended based on the recommendations of the Commission.</p>	<p>Group 'B' Departmental Promotion Committee (for considering promotion) consisting of :-</p> <ol style="list-style-type: none"> 1. Additional Director General Quality Assurance concerned – Chairman 2. Joint Director from Administration Directorate – Member 3. Director from the concerned Discipline – Member 4. Director from Discipline other than the concerned Discipline – Member 5. Deputy Director (Administration -10) – Member 	<p>Consultation with Union Public Service Commission is not necessary.</p>
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(1)	(2)	(3)	(4)	(5)
2. Scientific Assistant (Erstwhile post of Scientific Assistant Grade-II)	635* (2011) *(Subject to variation dependent on workload)	General Central Service, Group 'B', Non-Gazetted, Non-Ministerial.	Pay Band - 2, Rs.9300-34800 plus grade pay of Rs.4200.	Selection.

(6)	(7)	(8)	(9)
<p>Not exceeding thirty years</p> <p>(Relaxable for Government servants upto five years in accordance with the instructions or orders issued by the Central Government).</p> <p>Note : The crucial date for determining the age-limit shall be the closing date for receipt of applications from candidates in India (and not the closing date prescribed for those in Assam, Meghalaya, Arunachal Pradesh, Mizoram, Manipur, Nagaland, Tripura, Sikkim, Ladakh Division of Jammu&Kashmir State, Lahaul and Spiti district and Pangri Sub Division of Chamba district of Himachal Pradesh, Andaman and Nicobar Islands or Lakshadweep).</p>	<p>Essential :</p> <p>(i) Bachelor's Degree in Science in relevant subject or Diploma in Engineering or Technology in relevant Discipline from a recognized University or Equivalent ; and</p> <p>(ii) Two years experience in the Quality Assurance of Armaments or Ammunition or Instrument or Explosives or Metallurgy or Mechanical Engineering or Automobile Engineering or Textile and Clothing or Pharmaceuticals or Chemicals or Petroleum Products or Paints Technology or Telecommunications or Power System or Electrical or Electronics or Computer Engineering.</p> <p>Note 1: The exact subject or discipline and area of experience shall be indicated at the time of each recruitment.</p> <p>Note 2: Qualifications are relaxable at the discretion of the Staff Selection Commission/Competent Authority for reasons to be recorded in writing in the case of candidates otherwise well qualified.</p> <p>Note 3: The qualification(s) regarding experience is / are relaxable at the discretion of the Staff Selection Commission/Competent Authority for reasons to be recorded in writing in case of candidates belonging to Scheduled Castes or Scheduled Tribes, if at any stage of selection the Staff Selection Commission is of the opinion that sufficient number of candidates from these communities possessing the requisite experience are not likely to be available to fill up the vacancies reserved for them.</p>	<p>Not applicable</p>	<p>Two years.</p>

(10)	(11)	(12)	(13)
<p>By direct recruitment. (Direct recruitment through Staff Selection Commission)</p>	<p>Not applicable.</p>	<p>Group 'B' Departmental Promotion Committee (for considering confirmation of direct recruits) consisting of :-</p> <ol style="list-style-type: none"> 1. Additional Director General Quality Assurance concerned – Chairman 2. Any Joint Director from Administration Directorate – Member 3. A Director or Joint Director from the Discipline concerned – Member 	<p>Consultation with Union Public Service Commission is not necessary.</p>

		4. Any Director or Joint Director from Discipline other than the concerned Discipline – Member, 5. Deputy Director (Administration-10) – Member	
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[File No.A/86320/RR/Scientific/DGQA/Adm-10/2331 /D(QA) /2011]

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(Subhash Chand)

Under Secretary to the Government of India



STAFF SELECTION COMMISSION

NOTICE



JUNIOR ENGINEERS (CIVIL, MECHANICAL, ELECTRICAL and QUANTITY SURVEYING & CONTRACT) EXAMINATION, 2017

Date of Publication: 21-10-2017

Closing date: 17-11-2017

Date of Computer Based Written Exam: 05-01-2018 to 08-01-2018

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

F.No.3/12/2017- P&P-II: Staff Selection Commission will hold an open competitive Computer Based Examination for recruitment of Junior Engineers Group-‘B’ (Non-Gazetted) posts, in Level-6 (Rs.35400-112400/-) of pay matrix of 7th CPC w.e.f. 5th January 2018 to 08th January 2018.

2. Detail of Posts:

S.No.	Organisation	Post
1.	Central Water Commission	Junior Engineer (Civil)
2.	Central Water Commission	Junior Engineer (Mechanical)
3.	CPWD	Junior Engineer (Civil)
4.	CPWD	Junior Engineer (Electrical)
5.	Department of Post	Junior Engineer (Civil)
6.	MES	Junior Engineer (Civil)
7.	MES	Junior Engineer (Electrical and Mechanical)
8.	MES	Junior Engineer (Quantity Surveying and Contract)
9.	Farrakka Barrage (Project)	Junior Engineer (Civil)
10.	Farrakka Barrage (Project)	Junior Engineer (Electrical)
11.	Farrakka Barrage (Project)	Junior Engineer (Mechanical)
12.	Director General Border Roads Organisation	Junior Engineer (Civil)
13.	Director General Border Roads Organisation	Junior Engineer (Electrical)
14.	Director General Border Roads Organisation	Junior Engineer (Mechanical)
15.	Central Water Power Research Station.	Junior Engineer (Civil)
16.	Central Water Power Research Station.	Junior Engineer (Electrical/Mechanical)
17.	Dte. Of Quality Assurance (Naval)	Junior Engineer (Naval Quantity Assurance) – (Mechanical)
18.	Dte. Of Quality Assurance (Naval)	Junior Engineer (Naval Quantity Assurance)-(Electrical)
19.	National Technical Research Organisation	Junior Engineer (Civil)
20.	National Technical Research Organisation	Junior Engineer (Electrical)
21.	National Technical Research Organisation	Junior Engineer (Mechanical)

Vacancies: It may please be noted that the number of vacancies in the organisations listed below have not been finalised. The list of organisations may also undergo a change depending upon vacancies available therein, before processing of results.

Only male candidates are eligible for the posts of Junior Engineers in Director General Border Roads Organisation (BRO), Ministry of Defence.

3. Reservation:

Reservation for SC/ ST/ OBC/ ExS/ PH etc. categories is available as per extant Govt. Orders and as communicated by the departments reporting vacancies.

The posts have been identified suitable for the persons suffering from disabilities of forty percent (40%) and above of One Arm (OA), One Leg (OL), Hearing Handicapped (HH) as per guidelines of Ministry of Social Justice and Empowerment.

4. Nationality / citizenship:

A candidate must be either:

- (a) a citizen of India, or
- (b) a subject of Nepal, or
- (c) a subject of Bhutan, or
- (d) a Tibetan refugee who came over to India before the 1st January 1962 with the intention of permanently settling in India, or
- (e) 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.

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

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 by the Government of India.

4-A. Age Limit as on 1st January 2018

S.No.	Organisation Name	Post name	Age limit	Candidate must not be born before
1.	Central Water Commission	Junior Engineer (Civil)	Upto 32 years	02-01-1986
2.	Central Water Commission	Junior Engineer (Mechanical)	Upto 32 years	02-01-1986
3.	CPWD	Junior Engineer (Civil)	Upto 32 years	02-01-1986
4.	CPWD	Junior Engineer (Electrical)	Upto 32 years	02-01-1986
5.	Department of Post	Junior Engineer (Civil)	Upto 27 years	02-01-1991
6.	MES	Junior Engineer (Civil)	Upto 30 years	02-01-1988
7.	MES	Junior Engineer (Electrical and Mechanical)	Upto 30 years	02-01-1988
8.	MES	Junior Engineer (Quality Surveying and Contract)	Upto 27 years	02-01-1991
9.	Farrakka Barrage (Project)	Junior Engineer (Civil)	Upto 30 years	02-01-1988

10.	Farrakka Barrage (Project)	Junior Engineer (Electrical)	Upto 30 years	02-01-1988
11.	Farrakka Barrage (Project)	Junior Engineer (Mechanical)	Upto 30 years	02-01-1988
12.	Director General Border Roads Organisation	Junior Engineer (Civil)	Upto 30 years	02-01-1988
13.	Director General Border Roads Organisation	Junior Engineer (Electrical)	Upto 30 years	02-01-1988
14.	Director General Border Roads Organisation	Junior Engineer (Mechanical)	Upto 30 years	02-01-1988
15.	Central Water Power Research Station.	Junior Engineer (Civil)	Upto 30 years	02-01-1988
16.	Central Water Power Research Station.	Junior Engineer (Electrical)	Upto 30 years	02-01-1988
17.	Dte of Quality Assurance(Naval)	Junior Engineer (Naval Quality Assurance) - (Mechanical)	Upto 30 years	02-01-1988
18.	Dte of Quality Assurance(Naval)	Junior Engineer (Naval Quality Assurance) - (Electrical)	Upto 30 years	02-01-1988.
19.	National Technical Research Organisation	Junior Engineer (Civil)	Upto 30 years	02-01-1988
20.	National Technical Research Organisation	Junior Engineer (Electrical)	Upto 30 years	02-01-1988
21.	National Technical Research Organisation	Junior Engineer (Mechanical)	Upto 30 years	02-01-1988

Candidates should note that the Date of Birth as recorded in the Matriculation/Secondary Examination Certificate or an equivalent certificate only will be accepted by the Commission for determining the age and no subsequent request for its change will be considered or granted.

Candidates are advised to opt only for such posts for which they have the qualification and are within the prescribed age limits. Permissible relaxation of upper age limit prescribed under para 4 above and Category Codes for claiming age relaxation as on date of reckoning:-

Code	Category	Age-Relaxation Permissible beyond the Upper age limit
01	SC/ST	5 years
02	OBC	3 years
03	PH	10 years
04	PH (OBC)	13 years
05	PH (SC/ST)	15 years
06	Ex-Servicemen (Unreserved / General)	03 years after deduction of the military service rendered from the actual age as on the closing date on receipt of online application.

07	Ex-Servicemen (OBC)	06 years (3 years + 3 years) after deduction of the military service rendered from the actual age as on the closing date on receipt of online application.
08	Ex-Servicemen (SC/ ST)	08 years (3 years + 5 years) after deduction of the military service rendered from the actual age as on the closing date on receipt of online application
12	Central Govt. Civilian Employees (General/Unreserved) who have rendered not less than 3 years regular and continuous service as on Closing date.	Upto 5 Years of age
13	Central Govt. Civilian Employees (OBC) who have rendered not less than 3 years regular and continuous service as on Closing date.	Upto 8 (5+3) years of age.
14	Central Govt. Civilian Employees (SC/ST) who have rendered not less than 3 years regular and continuous service as on Closing date	Upto 10 (5+5) years of age.
21	Candidates who had ordinarily been domiciled in the State of Jammu & Kashmir during the period from 01-01-1980 to 31-12-1989 (Unreserved/General)	5 years
22	Candidates who had ordinarily been domiciled in the State of Jammu & Kashmir during the period from 01-01-1980 to 31-12-1989 (OBC)	8 years
23	Candidates who had ordinarily been domiciled in the State of Jammu & Kashmir during the period from 01-01-1980 to 31-12-1989 (SC/ST)	10 years
27	Defence Personnel disabled in operation during hostilities with any foreign country or in a disturbed area and released as a consequence thereof (Unreserved/General)	5 years
28	Defence Personnel disabled in operation during hostilities with any foreign country or in a disturbed area and released as a consequence thereof (OBC)	8 (5+3) years
29	Defence Personnel disabled in operation during hostilities with any foreign country or in a disturbed area and released as a consequence thereof (SC/ST)	10 (5+5) years

Ex-Servicemen who have already secured employment in civil side under Central Government on regular basis after availing of the benefits of reservation given to ex-Servicemen for their re-employment are NOT eligible for fee concession. However, he/she can avail the benefit of reservation as ex-Serviceman for subsequent employment if he/she immediately after joining civil employment, given self declaration/undertaking to the concerned employer about the date-wise details of application 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 14th August 2014 issued by DOP&T.

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.

The post of Junior Engineer being a Group 'B' post, there is no reservation for ex-Servicemen category. However, benefit of age-relaxation will be admissible to ex-Servicemen candidates, as per extant Govt. Orders.

An ex-Serviceman means a person:-

- (i) who has served in any rank whether as a combatant or non combatant 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 circumstance 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 14th 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.

5. Process of certification and format of certificates:

Candidates who wish to be considered against vacancies reserved or seek age-relaxation must submit requisite certificate from the competent authority, in the prescribed format, whenever such certificates are sought by concerned Regional / Sub-Regional Offices at the time of Document Verification. Otherwise, their claim for SC/ ST/ OBC/ PH (PWD)/ ExS status will not be entertained and their candidature / applications will be considered under General (UR) category. The formats of the certificates are annexed. Certificates in any other format will not be accepted. A person seeking appointment on the basis of reservation to OBCs must ensure that he/she possesses the caste / community certificate and does not fall in creamy layer on the crucial date. The crucial date for this purpose will be the closing date for receipt of online application i.e. 17-11-2017.

Candidates may also note that in respect of the above, their candidature will remain provisional till the veracity of the concerned document is verified by the Appointing Authority.

Candidates are cautioned that they may be permanently debarred from the examination conducted by the Commission in case they fraudulently claim SC/ST/OBC/ExS/PH(PwD) status.

6. Essential Educational Qualifications (as on 01-01-2018):

S. No.	Post	Educational and Other Qualification
1.	Junior Engineer (Civil), CPWD	Diploma in Civil Engineering from a recognized University or Institute.
2.	Junior Engineer(Electrical) CPWD	Diploma in Electrical or Mechanical Engineering from a recognised University or Institute.
3.	Junior Engineer (Civil), Department of Posts	Three years Diploma or equivalent in Civil Engineering from an institution recognized by the Central Government or State Government.
4.	Junior Engineer (Civil), MES	Degree in Civil Engineering from a recognised University OR I)Three years Diploma in Civil Engineering from a recognised Institute or University or Board; <u>and</u> (II) Two years experience in Planning, Execution and Maintenance of Civil Engineering works.
5.	Junior Engineer (Electrical & Mechanical), MES	Degree in Electrical or Mechanical Engineering from a recognised University; OR (I) Three years diploma in Electrical or Mechanical Engineering from a recognised Institute or University or Board; and (II) Two years experience in Planning, Execution and Maintenance of Electrical or Mechanical Engineering works.
6.	Junior Engineer (Quantity Surveying & Contract), MES	(i)3 years Diploma in Civil engineering from a recognised institute/University/Board or equivalent; OR (ii) Passed Intermediate examination in Building and Quantity Surveying Sub Divisional -II of the institute of Surveyors (India).
7.	Junior Engineer (Civil), Central Water Commission (CWC)	Degree or Diploma in Civil Engineering from a recognised University or Institution
8.	Junior Engineer (Mechanical) in Central Water Commission (CWC)	Degree or Diploma in Mechanical Engineering from a recognised University or Institution.
9.	Junior Engineer (Civil) in Farrakka Barrage Project	Diploma in Civil Engineering from a recognised University or Institute
10.	Junior Engineer (Mechanical), Farrakka Barrage Project.	Diploma in Mechanical Engineering from a recognised University or Institute.
11.	Junior Engineer (Electrical), Farrakka Barrage Project.	Diploma in Electrical Engineering from a recognised University or Institute.
12.	Junior Engineer (Civil), Border Roads Organisation, Ministry of Defence	Three years Diploma in civil engineering or equivalent from the recognised University or Institute. <u>Desirable</u>

		Two years working experience in the field of civil construction in monitoring and executive of projects.
13.	Junior Engineer (Electrical / Mechanical), Border Roads Organisation in Ministry of Defence	Three years Diploma in Engineering (Electrical and Mechanical) from the recognised University or Institute. <u>Desirable</u> Two years working experience in the field of Electrical / Mechanical Engineering in a area of construction in monitoring and executive of projects.
14.	Junior Engineer (Civil), Central Water Power Research Station.	Diploma in Civil Engineering from a recognised University.
15.	Junior Engineer (Electrical / Mechanical), Central Water Power Research Station	Diploma in Electrical from a recognised University.
16.	Junior Engineer(Mechanical) Dte of Quality Assurance Naval	Diploma in Mechanical Engineering from any recognised University/Institution; and Two years experience in respective fields i.e.- Either of the field assurance/quality control/ production/manufacturing and testing of marine engineering propulsion system including turbines, power generation equipment, hydraulic system, as conditioning/refrigeration, pumps valves, gears and gear trains, boilers, cranes/winches/load handling devices etc. including knowledge of various standard and their interpretation.
17.	Junior Engineer (Electrical) Dte of Quality Assurance Naval	Diploma in Electrical Engineering from any recognised University / Institution; and Two years experience in respective fields i.e.- Either of the field assurance / quality control / production / manufacturing and testing of switch gears, cables, converters, light and light fitting, motors, generators, drives and control systems, airfield lighting equipment, Electronics / Radar / Radio / Telecommunication equipment, electro hydraulic system, programmable logic controller based systems, printed circuit boards / instrumentation, software development and validation, network control system etc. including knowledge of various standard and their interpretation. and their interpretation.
18.	Junior Engineer (Civil) National Technical Research Organisation	Diploma in Civil Engineering from recognised University/Institution.
19.	Junior Engineer (Electrical) National Technical Research Organisation.	Diploma in Electrical Engineering from recognised University/Institution.
	Junior Engineer (Mechanical)	Diploma in Mechanical Engineering from recognised

20.	National Technical Research Organisation	University/Institution.
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For list of equivalent qualifications as approved by CPWD/AICTE, refer to Annexure-X.

As per Ministry of Human Resource Development Notification dated 10.6.2015 published in Gazette of India all the degrees/diplomas/certificates including technical education degree/diploma awarded through Open and Distance Learning mode of education by the Universities established by an Act of Parliament or State Legislature, Institutions Deemed to be Universities under Section 3 of the University Grant Commission Act 1956 and Institutions of National Importance declared under an Act of Parliament stand automatically recognized for the purpose of employment to posts and services under the Central Government provided they have been approved by the Distance Education Bureau, University Grant Commission.

All candidates who are called for documents verification will be required to produce the relevant Certificates in Original such as Mark sheets, Provisional Degree/Diploma Certificate, etc. as proof of having acquired the minimum educational qualification on or before 01-08-2018 failing which the candidature of such candidate will be cancelled by the Commission. The candidates who are able to prove, by documentary evidence that the result of the qualifying examination was declared on or before the cut off date and he/she has been declared passed, will also be considered to have met the required educational qualification.

ExS who have done various courses from Armed Forces which are certified by Competent Authority to be equivalent to Diploma in Civil/Mechanical/Electrical Engineering are eligible to appear in the Examination.

7. Mode of payment of fee payable Rs.100/- (Rupees One Hundred only).

Candidate may note that only online application will be accepted at <http://ssconline.nic.in>.

Fee paid in respect of online applications through SBI Challan / Net banking and any credit and debit cards will be accepted.

Women candidates and candidates belonging to Scheduled Caste, and Scheduled Tribes, Physically handicapped and Ex-Servicemen eligible for reservation are exempted from paying fee, as per rules/instructions of Department of Personnel and Training, Government of India.

Fee once paid will not be refunded under any circumstances.

8. Details of Regional / Sub-Regional Offices:- Correspondence relating to non-receipt of Admission Certificate etc and other grievances should be sent to concerned Regional/Sub Regional Offices, of the Commission, details of which are as under :-

S.No.	Centre of Examination & Centre Code	Regional/Sub-Regional office
1	Dehradun-2002, Delhi-2201, Jaipur-2405,	Regional Director (NR), Staff Selection Commission, Block No. 12, CGO Complex,

		Lodhi Road, New Delhi-110504.
2	Hyderabad-8601, Nizamabad-8602, Warrangal-8603, Vijayawada-8008 Vishakhapatnam-8007, Chennai-8201, Pondicherry-8401,	Regional Director (SR), Staff Selection Commission, EVK Sampath Building, 2 nd Floor, College Road, Chennai, Tamil Nadu-600006.
3	Gangtok-4001, Ranchi-4205, Kolkata-4410, Bhubaneswar-4604, Port Blair-4802,	Regional Director (ER), Staff Selection Commission, Nizam Palace, Ist M.S.O. Building (8 th Floor), 234/4 A. J. C. Bose Road, Kolkata, West Bengal – 700020
4.	Ahmedabad -7001 Mumbai-7204, Nagpur-7205, Panaji-7801,	Regional Director (WR), Staff Selection Commission, Ist Floor, South Wing, Pratishta Bhawan, 101 Maharshi Karve Road, Mumbai Maharashtra – 408020.
5.	Allahabad-3003, Lucknow-3010 Patna-3206,	Regional Director (CR), Staff Selection Commission, 21-23 Lowther Road, Allahabad, Uttar Pradesh – 211002.
6.	Itanagar- 5001, Guwahati (Dispur)-5105, Imphal-5501, Kohima-5302, Shillong-5401, Churachandpur-5502 Agartala-5601, Aizwal-5701,	Regional Director (NER), Staff Selection Commission, Housefed Complex, West End Block, Last Gate, Beltola Basistha Road, Dispur Guwahati, Assam-781006.
7.	Bengaluru-9001, Thiruvananthapuram-9211, Kavaratti-9401	Regional Director (KKR), Staff Selection Commission, 1 st Floor, “E” Wing, Kendriya Sadan, Koramangala, Bangalore, Karnataka-560034.
8.	Bhopal-6001, Jagdalpur-6203, Raipur-6204,	Dy. Director (MPR), Staff Selection Commission, J-5 Anupam Nagar, Raipur Chhatisgarh-492001.
9.	Baramula-1002, Jammu-1004, Srinagar (J&K)-1007, Shimla-1203, Chandigarh-1601,	Dy. Director (NWR), Staff Selection Commission, Block No. 3, Ground Floor, Kendriya Sadan Sector-9, Chandigarh-167017.

No change of centre of Examination will be entertained under any circumstances. Hence, the candidates should select the centres carefully and indicate the same correctly in their applications.

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.

9. Scheme of Examination:

Papers	Mode of Examination	Subject	No.of Questions	Maximum marks	Duration & Timings
Paper-I Objective Type (Date of Examination 05-01-2018 to 08-01-2018)	Computer Base Mode	(i) General Intelligence Reasoning	50	50	2 Hours Morning shift [10.00 AM to 12.00 Noon]
		(ii) General Awareness	50	50	Afternoon Shift [2.00 PM to 4.00 PM]
		(iii) Part.A General Engineering	100		

		(Civil & Structural) OR Part-B General Engineering (Electrical) OR Part-C General Engineering (Mechanical)	100	Note: Entry to the examination venue will not be allowed after 9.30 AM in the morning shift and after 1.30 PM in the afternoon shift.
Paper-II Conventional Type	Written Examination	Part-A General Engineering (Civil & Structural) OR Part- B General Engineering (Electrical) OR Part-C General Engineering (Mechanical)	300	2 Hours Date to be intimated later on.

In Paper-I and Paper-II for General Engineering, the candidate will be required to attempt only the part as per option given in column 13 of the application form filled by the candidate. In other words, the candidates appearing for the post of Junior Engineer (Civil), Junior Engineer(Quantity Surveying & Contract) should attempt Part A (Civil & Structural) of Paper-I and Paper-II and the candidates appearing for the post of Junior Engineer (Electrical) should attempt Part-B (Electrical) and the candidates appearing for the post of Junior Engineer (Mechanical) should attempt Part C (Mechanical) of Paper-I and Paper-II failing which his/her answer sheet (Paper-II) will not be evaluated.

Candidates are allowed to bring their own Slide–Rule, Calculator, Logarithm Tables and Steam Table for Paper-II only. They are not allowed to use such aids for Paper-I.

Paper-I will consist of Objective Type Multiple Choice questions only. Candidates who are shortlisted on the basis of performance in Paper –I will be called for Paper-II (Conventional Type).

Candidates are not permitted to use Mobile Phone or any other electronic / electrical device other than those specifically permitted. Candidates must not, therefore, bring Mobile Phone or any other electronic /electrical device not specifically permitted inside the Examination premises. Possession of these items, whether in use or not, will be considered as “use of unfair means” in the Examination and candidature of such candidates will be cancelled forthwith. Such candidates are also liable for debarment upto a period of 3 years and/or criminal prosecution.

There will be negative marking of 0.25 marks for each wrong answer in Paper-I. Candidates are, therefore, advised to keep this in mind while answering the questions.

Answer Keys will be placed on the Commission’s website after the Examination. Candidates may go through the Answer Keys corresponding to their Test Form and submit representations, if any, within the time limit given by the Commission through on-line modality only, on payment of Rs. 100/- per answer. Any representation regarding Answer Key received within the time limit fixed by

the Commission at the time of uploading of the Answer Key will be scrutinized and the decision of the Commission in this regard will be final. No. representation regarding Answer Keys shall be entertained, afterwards.

10. Indicative Syllabus

The standard of the questions in Engineering subjects will be approximately of the level of Diploma in Engineering (Civil/ Electrical/ Mechanical/Electronics) from a recognized Institute, Board or University recognized by All India Board of Technical Education. All the questions will be set in SI units. The details of the syllabus are given below:

Paper-I

(i) **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, judgement, 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.

(ii) **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.

(iii) **General Engineering (Civil and Structural), (Electrical & Mechanical):**

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.

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.

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 steels.

Paper II

Part-A : Civil & Structural Engineering

Civil 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.

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, R.M.S. and average values of alternating waves, Representation of sinusoidal wave form, simple series and parallel AC Circuits consisting of R,L. and C, Resonance, Tank Circuit. Poly Phase system – star and delta connection, 3 phase power, DC and sinusoidal response of R-Land 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) D.C. Machine – Construction, Basic Principles of D.C. motors and generators, their characteristics, speed control and starting of D.C. Motors. Method of braking motor, Losses and efficiency of D.C. Machines. (b) 1 phase and 3 phase transformers – Construction, Principles of operation, equivalent circuit, voltage regulation, O.C. and S.C. 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 e.m.f. 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, H.R.C. 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.

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 H₂O, 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).

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.

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 2nd 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 Refrigeraton 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.

11. General instructions to be complied by the candidates in the written examination:

Candidates must write the papers/indicate the answers in their own hand.

Candidates are not permitted to use electronic gadgets except as specified in the Notice. They should not, therefore, bring the same inside the Examination Premises / Venue for papers for which their use is not permitted.

If any candidate is found to possess mobile phones or any other means of wireless communication in the working or switched off mode, his/her candidature shall be cancelled forthwith and he/she will be debarred from the Commission's examination for a period of three years.

Wherever applicable, the candidates must indicate /write the answer either in Hindi or in English. If answers are indicated/written partly in Hindi and partly in English and vice versa, the Answer script will not be evaluated.

In the question papers, wherever necessary, the Metric systems of weights and measures only will be used.

12. Mode of Selection:

Candidates will be shortlisted and recommended for appointment by the Commission on the basis of their total marks in the Paper – I & II and preference for the posts.

Provided that SC, ST, OBC and PH (PWD) candidates, who are selected on their own merit without relaxed standards, along with candidates belonging to other communities, will not be adjusted against the reserved share of vacancies. Such SC, ST, OBC and PH(PWD) candidates will be accommodated against the general/unreserved vacancies as per their position in the overall Merit List. The reserved vacancies will be filled up separately from amongst the eligible SCs, STs, OBCs and PH(PWD) candidates which will thus comprise of SC, ST, OBC and PH(PWD) candidates who are lower in merit than the last general candidate on merit list of unreserved category but otherwise found suitable for appointment even by relaxed standard. A Physically Handicapped candidate who

qualifies on the basis of relaxed standards viz., age limit, experience or qualifications, permitted number of chances in written examination, extended zone of consideration, etc. will be counted against reserved vacancies and not against general vacancies subject to fitness of such candidate for selection. Such candidates may also be recommended at the relaxed standards to the extent the 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.

Success in the examination confers no right of appointment unless government is satisfied after such enquiry as may be considered necessary that the candidate is suitable in all respects of appointment to the service/post.

The candidates applying for the examination should ensure that they fulfil all the eligibility conditions for admission to the examination. Their admission at all the stages of examination will be purely provisional, subject to their satisfying the prescribed eligibility conditions. If, on verification, at any time before or after the examination, it is found that they do not fulfil any of the eligibility conditions, their candidature for the examination will be cancelled by the Commission.

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.

13. Resolution of tie cases:

In cases where more than one candidate secure the equal aggregates marks, tie will be resolved by applying the following methods one after another:-

- (i) Total marks in Paper-II.
- (ii) Total marks in Paper-I.
- (iii) Date of birth, with older candidates placed higher.
- (iii) Alphabetical order in the first names of the candidates appear.

14. In accordance with the directions issued by DOPT vide its O.M. 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 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/PH/Minority)
- (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 else have inadvertently not exercised their options will be made available on the website of the Commission.

15. **How to apply:**

All applications must be submitted online only. Detailed instructions as in Annexure-IIA and Annexure-II B may be referred to.

16. **Preferences for Posts & Departments / Offices**

A candidate is required to indicate at Sl. No. 16 in his/her Application Form, name of post for which he/she would like to be considered for final allotment in order of preferences in case he/she is recommended by the Staff Selection Commission. Allocation of Posts to the selected candidates will be made strictly keeping in view their position in the merit list and the order of preference, subject to number of vacancies available in that post. The posts for the purpose are grouped and codes as below:-

Code.	Post
A	JE (Civil), Central Water Commission
B	JE (Mechanical), Central Water Commission
C	JE (Civil), CPWD
D	JE (Electrical), CPWD
E	JE (Civil), Department of Post
F	JE (Civil), Military Engineering Service
G	JE (Electrical and Mechanical), Military Engineering Service
H	JE (Quality Surveying and Contract), Military Engineering Service.
I	JE (Civil), Farrakka Barrage Project
J	JE (Mechanical), Farrakka Barrage Project
K	JE (Electrical), Farrakka Barrage Project
L	JE (Civil), Director General Border Roads
M	JE (Electrical), Director General Border Roads
N	JE (Mechanical), Director General Border Roads
O	Junior Engineer (Civil), Central Water Power Research Station
P	Junior Engineer (Electrical), Central Water Power Research Station
Q	Junior Engineer (Mechanical) (Naval Quality Assurance), DGQA, Ministry of Defence
R	Junior Engineer (Electrical) (Naval Quality Assurance), DGQA, Ministry of Defence
S	Junior Engineer (Civil), National Technical Research Organisation
T	Junior Engineer (Electrical), National Technical Research Organisation.
U	Junior Engineer (Mechanical), National Technical Research Organisation.

Candidates may note that options once exercised are final and no change will be allowed under any circumstance.

17. Admission to the Examination:-

All candidates who apply in response to this advertisement by the CLOSING DATE will be assigned Roll numbers. These will be communicated to them or placed on the website of the concerned Regional Office at least two weeks before the date of the examination. A candidate must write his/her Roll number along with his/her name, date of birth and name of the examination while addressing any communication to the concerned regional office of the Commission. Communication from the candidate not furnishing these particulars shall not be entertained.

Admission Certificates (ACs) for the Examination indicating the time table and also venues of examination for each candidate will be issued to all applicants about two weeks before the date of examination. Candidates are required to download the admission certificate from the website of the Regional/Sub Regional Office concerned. It will not be sent by post. If any candidate does not receive admission certificate for the examination one week before the date of examination, he/she must immediately contact the concerned Regional/Sub Regional Office(s) of the commission with details such as registration id, transaction id of SBI, copy of challan etc. for obtaining the admission certificates. Failure to do so will deprive him/her of any claim for consideration.

The photographs used by the candidates must be a recent, relaxed face, colour picture and the picture should be in colour, against a light-coloured, preferably white, background. If flash is used then ensure that there is no red-eye and, in case of glasses, your eyes should be visible. The face should not cover less than 80 % of the entire photo. Photograph should be of 8 bit JPG format and its size should be between 4kb to 20 kB.

It is compulsory to carry at least one original Photo ID such as Voter's ID, Aadhaar Card, Driving License, ID cards issued by Government or other Offices where the candidates may be working. Candidates without such ID cards will not be allowed entry into the examination halls/venues.

Candidates should bring 3 passport size photographs for affixing it in the Commission's copy of Admission Certificate in the presence of Invigilator, if required. Candidates not carrying photographs will not be allowed to appear in the examination. Candidate are advised to keep 10 copies of the same photograph, which was uploaded/affixed in the application form, with them till the completion of entire examination process.

18. 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.

19. Action against candidates found guilty of misconduct:

Candidates are warned that they should not furnish any particulars that are false or suppress any material information while filling in the application form. Candidates are also warned that they should in no case attempt to alter or otherwise tamper with any entry in a document or the attested certified copy submitted by them nor should they submit a tampered/fabricated document.

Without prejudice to criminal action/debarment from Commission's examination wherever necessary, candidature will be summarily cancelled at any stage of the recruitment in respect of candidates found have indulged in any of the following:-

- (i) In possession of mobile phone & accessories and other electronic gadgets within the premises of the examination centres, whether in use or in switched off mode and on person or otherwise.
- (ii) Using unfair means in the examination hall.
- (iii) Obtaining support for his/her candidature by any means.
- (iv) Impersonate/Procuring impersonation by any person.
- (v) Submitting fabricated documents or documents which have been tampered with.
- (vi) Making statements which are incorrect or false or suppressing material information.
- (vii) Resorting to any other irregular or improper means in connection with his/her candidature for the examination.
- (viii) Misbehaving in any other manner in the examination hall with the Supervisor, Invigilator or Commission's representatives.
- (ix) Passing on of information related to CBE through any means to unauthorised persons during the conduct of the examination.
- (x) Intimidating or causing bodily harm to the staff employed by the Commission for the conduct of examination.
- (xi) Not fulfilling the eligibility condition mentioned in the Notice.
- (xii) Any other ground which the Commission considers to be sufficient cause.

20. **Court Jurisdiction**

Any dispute in regard to this recruitment will be subject to courts/tribunals having jurisdiction over the Headquarter of concerned Regional/Sub-Regional Office of the SSC where the candidate has submitted his/her application.

21. For detailed instructions relating to Application form, instructions for filling up the application form and for on-line payment/submission of application, candidates are advised to refer Annexure-I & II.

22. **Important Instructions to Candidates:**

- (i) The Examination will comprise of a Computer Based Examination for Paper-I and written examination for Paper-II.
- (ii) The Commission will not undertake detailed scrutiny of applications for the eligibility and other aspects at the time of written examination and, therefore, the application is accepted only provisionally. The candidates are advised to go through the requirements of educational qualification, age etc. and satisfy themselves that they are eligible before applying. Copies of supporting documents will be sought at the time of document verification. When scrutiny is undertaken, if any claim made in the application is not found substantiated, the candidature will be cancelled and the Commission's decision shall be final.
- (iii) Candidates seeking reservation benefits available for SC/ST/OBC/PH/EXS 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 at the time of document verification.

(iv) Candidates with physical disability of 40% and more only would be considered as PHYSICALLY HANDICAPPED (PH) and entitled to reservation for PH. **The Posts are not identified suitable for VH persons.**

(v) Central Government civilian employees claiming age relaxation should produce a certificate in the prescribed format from their office at the time of document verification in respect of the length of continuous service which should be for not less than three years during the period immediately preceding the closing date for receipt of application. They should remain Central Government civilian employees till the time of appointment in the event of their selection.

(vi) FEE: Rupees one hundred ONLY (Rs. 100/-)

Women candidates and candidates belonging to Scheduled Caste, Scheduled Tribe, Physically Handicapped and Ex-Servicemen (eligible for reservation) are exempted from paying application fee as per extant Government Orders.

(vii) CLOSING DATE: 17-11-2017 (Upto 5.00 PM).

(viii) Only one online application is allowed to be submitted by a candidate for Junior Engineer (Civil, Mechanical, Electrical, and Quantity Surveying & Contract) Examination 2017. Therefore the candidates are advised to exercise due diligence at the time of filing their application forms. At the time of appearing in examination the candidates will be required to submit an undertaking that he/she has submitted only one application.

(ix) Mobiles and other electronic gadgets are banned within the premises of the examination centres. Possession of such equipment whether in use or in switch off mode, during the examination will be considered as use of unfair means. Candidature of such candidates will be cancelled. They will be liable for further action including initiation of criminal proceedings and debarment from Commission's examination upto 3 (three) years, as may be decided by the Commission.

(x) Only online applications will be entertained for this examination. The facility of on-line application (including payment of fees through debit card) will be available from 21-10-2017 to 17-11-2017 (5.00 pm). However candidates who wish to make the payment through challan of SBI may be allowed to make the payment within the working hours of bank upto 20-11-2017 provided the challan has been generated by them before 5.00PM of 17-11-2017. Candidates should retain the Registration ID assigned to them online and details of payment of fee for further correspondence with the Commission. They should not submit print out of their application to the Commission.

(xi) Candidates should bring 3 passport size colour photographs. Candidates not carrying photographs may not be allowed to appear in the examination.

(xii) In case the scanned photograph(S) appearing in the Commission's copy of Admission Certificate and or on Attendance Sheet is not clear invigilators are required to verify the identity of the Candidate with reference to the photo ID Proof and get colour photographs pasted on the Commission's copy of Admission Certificate and or on Attendance Sheet. Accordingly, candidates should bring passport size colour photographs for affixing it in the Commission's copy of Admission Certificate in the presence of Invigilator. Candidates not carrying photographs will not be allowed to appear in the examination.

(xii) All the posts carry All India Service Liability (AISL) i.e. the candidate, on selection, may be asked to serve anywhere in the country.

(xiii) No admission certificates for aforesaid examination will be issued by post. Candidates are required to download admission certificate for the examination from the website of concerned Regional/Sub-Regional Offices.

(xiv) The candidates who are debarred from the examination of the Commission must not apply. Candidature of such candidates shall be summarily rejected whenever it comes to the notice of the Commission.

(xv) Candidates are advised to give their Aadhaar Number in the application form, though it is not mandatory for early redressal of grievance if any.

(xvi) 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 WILL SUMARRILY BE CANCELLED AT THE TIME OF DOCUMENT VERIFICATION OR AS AND WHEN COMES INTO THE NOTICE OF THE COMMISSION.

(xvi) Signature of the candidate: The signature must be uploaded in JPG format, the digital size of the signature file must be more than 1 kB and less than 12-kB. Further, the photograph must be uploaded in jpg format. The digital size of file of the photographs must be more than 4 KB and less than 20 KB.

(xvii) **Application with illegible / blurred photograph and/or signature will be rejected summarily.**

(xviii) Candidates who are not exempted from fee payment must ensure that their fee has been deposited with SSC. If the fee is not received by SSC, status of Application Form is shown 'Incomplete' and this information is printed on the top of the Application Form. Further such status can be verified at "Check Your Application Status Here" tab provided at **<http://www.ssconline.nic.in>**. Such applications which remain incomplete due to non-receipt of fee will be SUMMERILY REJECTED and no request for consideration of such applications and fee payment later than the period specified in the Notice of Examination shall be entertained.

(xxi) Request for change/ correction in any particular in the application form, once submitted, will not be entertained under any circumstances.

Under Secretary (P&P-II)

BROCHURE

INSTRUCTIONS FOR FILLING UP THE APPLICATION

I. Please read the instruction given in the Notice of Examination carefully before filling up the application form, in your own interest.

II. Please go through the instructions given below for filling up each item numbered in the application form:-

Column 1 and 2: Name of the Examination Centre and 2. Centre Codes

Refer to para-8 of the Notice of the Examination.

Column 12 & 12.1: Code for seeking age relaxation.

Refer to para 4-A of the Notice of the Examination.

Column 13: Subjects for general engineering - choose your subject carefully. It cannot be changed later on.

Column 14: Candidates should indicate whether they belong to one of the minority communities notified by Government namely Muslims, Christians, Sikhs, Buddhists, Zoroastrians (Parsis) or Jains.

Column 16 Preference for Posts: You are advised to opt for such posts/Departments (Refer Para 16) for which you have the requisite qualification. You are also advised to be careful in exercising your preference as in the event getting selected you will be considered for the post and Department in order of your merit and option for each post. Option once exercised will be final and no changes/additions will be allowed under any circumstances.

Column 19: Educational Qualification and Subject Code: See Annexure – VII

Use 'Others' if any particular Educational Qualification or Subject is not assigned a code.

Column 21: Address for communication

Write your complete communication address including your Name in English in capital letters. Do not forget to write 6 digits PIN code.

Column 22: Permanent Address: Write your complete permanent address including your name in English capital letters. Do not forget to write 6 digits PIN in the boxes.

Column 23: Photograph: The digital size of the file must be more than 4KB and less than 20 KB.

Column 24: Signature of Candidate: The Signature must be uploaded in JPG format. The digital size of the signature file must be more than 1KB and less than 12 KB.

NOTE: Request for change/correction in any particulars in the Application Form, once submitted will not be entertained under any circumstances.

Procedure for Online Submission of Application

1. On-line application will be available w.e.f. 21-10-2017 to 17-11-2017 (upto 5.00 PM)
2. To apply for the examination, candidates are required to register themselves on **http://ssconline.nic.in**. Candidates may register once and can apply for any Recruitment Examinations advertised by SSC.
3. The Registration facility is available to the candidates throughout the year on website **http://ssconline.nic.in**.
4. Candidate should read the instructions given in the Notice of Examination carefully before filling up the Online Registration Form / Application Form.
5. After reading the instructions candidates should move to the Registration Part and fill up the online Registration Part and fill up the online Registration Form.
6. In the Registration Part, candidates will have to fill in basic information relating to them. On submission of details, candidates shall be prompted to check the details and make, corrections, if any, before submitting the Form.
7. Candidate should provide all the required details while filling up the Online Registration / Application Forms. Mandatory fields are marked with* (asterisk) sign.
8. On submission of the Registration Form, a page with Registration ID and password will appear.
9. Note down the Registration ID and Password and keep them safely. This would be your permanent Registration ID & Password which would be required to apply for Selection Posts as well as for any other Recruitment Examination of the Commission.
10. The photograph must be uploaded in jpg format. The digital size of file of the photographs must be more than 4 KB and less than 20 KB.
11. The signature must be uploaded in jpg format. The digital size of signature file must be more than 1 KB and less than 12 KB.
12. The Registration becomes complete only after the photograph and signature are uploaded by the candidate.
13. After completion of the Registration Part the candidates should proceed to fill up the Online Application Form.
14. Candidates already registered earlier can directly log into the system and proceed to fill up the Application Form.
15. Candidates should read the instructions in the Notice carefully before filling up the Online Application Form.
16. Request for change / correction in the Application Form shall not be entertained under any circumstances.
17. The application form without photograph / signature or with Blurred photograph / signature or incomplete in any manner will summarily be rejected.
18. The facility of online application (including payment of fees through SBI net banking / Credit or debit cards of any banks) will be available from 21-10-2017 to 17-11-2017 (upto 5.00 PM). However, candidates who wish to make the payment through challan of SBI, may make the payment to designated branches of SBI within the working hours of bank up to 20.11.2017 provided the challan has been generated by them before 5.00 PM of 17.11.2017.

19. In case there is any discrepancy in 'one time registration' data filled by the candidate, photograph / signature etc 'One Time Registration' data may be suitably edited before proceeding to fill online application form. The Commission allows editing of information like name, father's name, mother's name, date of birth, gender and matriculation, roll number only once after registration. Therefore, these fields **MUST BE ENTERED / EDITED VERY CAREFULLY**. Other fields in the 'One Time Registration' can be edited once before every exam but prior to submission of application for examination. **SUCH EDITING IS ALLOWED BEFORE SUBMISSION OF APPLICATION ONCE THE APPLICATION HAS BEEN SUBMITTED, NO CHANGE IN 'One Time Registration' and Application data will be allowed.**

20. To pay fee in cash, candidates should take print-out of the challan generated online after completion of Application Part and deposit the requisite fee in designated branch of State Bank of India and then continue within the stipulated date and time.

21. **Request for change/ correction in any particulars in the Application Form shall not be entertained under any circumstances.** The Staff Selection Commission will not be responsible for any consequences arising out of non acceptance of any correction/ addition/ deletion in any particular filled in application form whatever the reasons may be.

22. **The application form without photograph / signature or with Blurred photograph / signature or incomplete in any manner will be rejected summarily**

**FORM OF CERTIFICATE TO BE SUBMITTED BY CENTRAL GOVERNMENT
CIVILIAN EMPLOYEES SEEKING AGE-RELAXATION**

(To be filled by the Head of the Office or Department in which the candidate is working).

(Please see Para 4(B) of the Notice)

It is certified that *Shri/Smt./Km. _____ is a Central Government
Civilian employee holding the post of _____ in the pay scale of
Rs. _____ with 3 years regular service in the grade.

There is no objection to his appearing for the Junior Engineers (Civil, Electrical etc.) Examination
2015 and/or interview cum personality test of the Examination.

Signature _____
Name _____

Office seal

Place:

Date :

(*Please delete the words which are not applicable.)

Form of 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:

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 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/Tribe _____ 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, 991@

The Constitution (ST) orders (Amendment) Ordinance 1996

%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/Srimati/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/ Ist 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.

(FORMAT 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 _____ _____ District/Division _____ in the State _____ belongs to the _____ Community which is recognized as a backward class under the Government of India, Ministry of Social Justice and Employment'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 Scheduled to the Department of Personnel and Training Government of India OM No.36012/22/93-Estt(SCT) dated 08-09-1993.**

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's 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.

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

Annexure-VII (FORM-II)

**DISABILITY CERTIFICATE
(IN CASE OF AMPUTATION OR COMPLETE PERMANENT PARALYSIS OF
LIMBS AND IN CASES OF BLINDNESS)
(See rule 4)**

**(NAME AND ADDRESS OF THE MEDICAL AUTHORITY ISSUING THE
CERTIFICATE)**

Certificate No.

Date:

Recent PP size Attested Photograph (showing face only) of the person with disability.
--

**This is to certify that I have carefully examined
Shri/Smt/Kum _____ Son/wife/daughter of Shri _____
Date of Birth _____ Age _____ years,
male/Female _____ Registration No. _____ permanent resident of Home
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
- blindness

(Please tick as applicable)

(B) the diagnosis in his/her case _____

(A) He/She has _____% (in figure) _____ percent (in words) permanent physical impairment/blindness in relation to his/her _____ (part of body) as per 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 disability certificate is issued.
--

Annexure-VII (FORM-IV)

DISABILITY CERTIFICATE

(In case other than those mentioned in Forms II and III)

(NAME AND ADDRESS OF THE MEDICAL AUTHORITY ISSUING THE CERTIFICATE)

(See rule 4)

**Recent PP 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_____ Age
_____ years, male/Female_____ (DD/MM/YY)**

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 (to be specified) for the
disabilities (to be specified) and is shown against the relevant disability in the table below:-

S.No	Disability	Affected part of the body	Diagnosis	Permanent physical impairment/mental disabilities(in %)
1.	Locomotor disability	@		
2	Low vision	#		
3.	Blindness	Both Eyes		
4.	Hearing impairment	\$		
5.	Mental retardation	X		
6.	Mental-illness	X		

(Please strike out the disabilities which are not applicable)

(2) The above condition is progress/non progress/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/both eyes

\$ 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

Authorised Signatory of notified Medical Authority.

(Name and Seal)
(Countersignature and seal of the CMO/Medical Superintendent/Head of Government Hospital, in case the certificate issued by a medical authority who is not a permanent servant(with seal)

Signature/Thumb impression of the person in whose favour disability certificate 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 on the District.

Educational Qualification Code

Educational Qualification	Code
Diploma	04
BE	13
B.Tech.	14
AMIE (Part A & Part B)	15
B.Sc. (Engg.)	16
Graduation Certificate issued by Defence (Indian Army, Air Force, Navy)	19
PG Diploma	24
MA	25
M.Com.	26
M. Sc.	27
M.Ed.	28
LLM	29
ME	30
M. Tech.	31
M. Sc. (Engg.)	32
MCA	33
MBA	34
Others	35
Intermediate Examination in Buildings and Quantity Surveying Sub-Div.II of the Institute of Surveyors(India)	36
Direct Final Examination in Buildings and Quantity Surveying Sub.Div.II of the Institute of Surveyors (India)	37

Subject Code for Educational Qualification

Subject of Educational Qualification	Code
Civil Engineering	16
Electrical Engineering	17
Mechanical Engineering	18
Electronics Engineering	19
Electronics & Power Engineering	20
Electronics & Communication Engineering	21
Electrical and Instrumentation Engineering	22
Agriculture Engineering	23
Computer Science	24
Computer Application	25
Information Technology	26
Others	48
Electrical & Electronics Engineering	49
Electrical/Power Engineering	50
Civil & Structural Engineering	51
Civil and Rural Engineering.	52
Mechanical Engineering with specialization in Production Engineering	53
Mechanical Engineering with specialization in Power Plant Engineering.	54
Mechanical Engineering with specialization in Tool Tech Engineering.	55
Civil Engineering with specialization in Architecture & Town Planning.	56
Civil Engineering with specialization in Public Health Engineering.	57
Civil Engineering (N.C)	58
Civil Engineering (Water & Power Resources)	59
Civil Engineering (Water Resources)	60
Civil Engineering (Construction)	61
Civil Engineering (Environmental Pollution & Control)	62
Mechanical Engineering (Production)	63
Mechanical Engineering (Maintenance)	64
Mechanical Engineering (Automobile)	65
Post Graduation in Engineering	66
Building & Quantity Surveying	67

List of Equivalent Qualifications

S.No.	Subject (Degree/ Diploma)
1	AMIE (Section A&B) in Civil/Electrical/Mechanical Engg. of Instt. of Engineers (India)
2	Diploma in Electrical & Electronics Engineering
3	B.E. (Electrical/Power)
4	Diploma in Civil & Structural Engineering
5	Degree/Diploma in Civil and Rural Engineering.
6	B.Sc (Civil Engineering)
7	Diploma in Mechanical Engineering with specialization in Production Engineering.
8	Diploma in Mechanical Engineering with specialization in Power Plant Engineering.
9	Diploma in Mechanical Engineering with specialization in Tool Tech Engineering.
10	Diploma in Civil Engineering with specialization in Architecture & Town Planning.
11	Diploma in Civil Engineering with specialization in Public Health Engineering.
12	Diploma in Civil Engineering (N.C)
13	Diploma in Civil Engineering (Water & Power Resources)
14	Diploma in Civil Engineering (Water Resources)
15	Diploma in Civil Engineering (Construction)
16	Diploma in Civil Engineering (Environmental Pollution & Control)
17	Diploma in Mechanical Engineering (Production)
18	Diploma in Mechanical Engineering (Maintenance)
19	Diploma in Mechanical Engineering (Automobile)