

NOTIFICATION NO. 13/2025/(Name of the division/unit)

**SELECTION FOR PROMOTION TO THE POST OF JE/EMU IN PAY LEVEL- 06 AGAINST
25% PROMOTE QUOTA IN ELECTRICAL/EMU/GZB DEPARTMENT OF DELHI DIVISION**

1. It has been decided to hold a selection for filling up 09 vacancies for the post of JE/PQ/EMU, Pay Level - 06 against 25% Promote Quota in **ELECTRICAL/EMU/GZB** Department of Delhi Division. Bifurcation of vacancies is as under:

UR	SC	ST	Total	PwBD (in terms of Railway Board's letter no. E(NG)II/2017/RC-2/1 Policy dt. 27.02.2019)
5	2	2	9	1 (D,HH,OL,DW,AAV)

2. Eligibility and Service conditions:

(i) The list of senior most eligible staff working as Sr. Technician of Electrical EMU/GZB department of Delhi division in Pay Level - 06 and who are in the zone of consideration in 1:3 ratio based on their seniority, is enclosed as **Annexure-I**.

(ii) A stand-by list of next senior employees is also enclosed as **Annexure-II**. Employees of this stand-by list will be included in the main list enabling them to appear for the written examination only in case of an employee/employees in the main list (**Annexure-I**) has/have expressed its unconditional unwillingness to appear for the selection on Proforma attached (**Annexure-III**) and forwarded to this office on or before 10.08.2025 along with objection of any employee against the seniority, if any.

3. **Syllabus:** A syllabus for the above selection is attached as **Annexure-IV**. This is a common syllabus for the post as approved by the concerned PHOD and is applicable for all Divisions/Units over Northern Railway.

4. Pre Selection Coaching

In terms of instructions contained in Railway Board's letter No. 88-E(SCT)I/42/2, dated 08.04.1991 pre-selection/pre-promotional training to SC/ST employees is to be conducted covering the syllabus of the examination for selection to safety category post and will be imparted for a period of 3 to 4 weeks. In case, if any employee expressed his/her unwillingness for pre-selection coaching a written declaration to that effect may be obtained and forwarded to this office for record. Pre-selection coaching is not necessary where there is no reserved vacancy (SC/ST) is available. Schedule of tentative dates:-

Tentative classes	pre-selection coaching	As decided by Branch Officer
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5. Procedure for written examination:

(i) The written examination will be conducted by Railway Recruitment Cell (RRC), Northern Railway through an Examination Conducting Agency to be provided by Railway Recruitment Board (RRB).

(ii) The written examination will be a Computer Based Test (CBT)/ Tablet Based Test (TBT) where there will be no physical question paper. All the questions will appear on the computer/ tablet and the employee will have to mark their responses/ answers to the questions on computer/tablet.

(iii) RRC/NR will be issuing a formal admit card **online (through the website <https://rrcnr.org>)** to each and every eligible and willing employee for appearing in the CBT/TBT. Examination Venue and time of reporting for the written examination will be there

WQ

in the admit card. **As no physical communication will be made after issue of this vacancy notice, it will be the responsibility of the concerned employees to regularly visit RRC/NR's website as well as this Division's website for an update and to download the admit card as and when made available by RRC. Further, no supplementary/absentee examination shall be conducted on this ground.**

(iv) A link will also be made available on the above website (<https://rrcnr.org>) to the employees, explaining as to how the question will be appearing and how to mark the responses/ answers in the actual examination. Employees can practice through that link any number of times.

(v) Both physical and biometric attendance will be marked at the examination venue.

(vi) 100% questions will be objective type multiple choice questions.

(vii) There will not be any negative marking.

(viii) There shall be questions in Official Language Policy and Rules upto 10% of marks. However, it is not mandatory to attend the same.

(ix) There will be 110 questions of objective multiple choice type with four answer options and the candidate has to answer a maximum of 100 questions. In case the candidate answers more than 100 questions, first 100 attempted questions are to be taken for evaluation.

(x) **The written examination will be of 02 (two) hours duration.**

(xi) There will be computerized evaluation.

6. Notifying to the employees:

6.1. The willing employees should submit their application (Hard copy) in the prescribed proforma enclosed (Annexure 1) duly filled in all respects on or before 10.08.2025 (due date) at Single Window Cell/Samadhaan portal of Delhi Division.

6.2. Applications (Hard copy) received in this office after the target date will be summarily rejected. The notification should be given wide publicity and employees who are on leave/sick leave should be notified of the selection.

6.3 The Senior Subordinate/ Supervisor concerned has to furnish a certificate that "the eligible employees have been duly notified of the holding of the written examination and asked to submit their applications duly giving their willingness. They have also been informed about availability of any further information on RRC/NR's website (<https://rrcnr.org>) regarding availability of admit card and link for demo test." Such certificates should be forwarded to Personnel Branch addressed to Sr. DPO/DLI. It will be the personal responsibility of the Senior Subordinate/ Supervisor to complete the formality in this respect. It is further advised that any other communication received in respect to the selection should invariably be intimated to all the eligible employees. In case of non-receipt of any communication the same may be obtained from the Personnel Department or from the Controlling Officer. **Any laxity in this regard will be viewed seriously as it will adversely impact the above selection which is being conducted simultaneously for all Divisions/Units over Northern Railway.** The unwillingness, if any, received from the employees is to be forwarded to Personnel branch addressed to Sr. DPO/DLI on or before 10.08.2025.

7. Supplementary Written Test:

A supplementary written examination will be held for those employees who have remained absent themselves in the main examination due the following circumstances with the approval of the competent authority. The candidates unable to attend the written examination due to administrative ground duly informed by the officer in charge/supervisors by written within stipulated period. Sickness of the candidates or other reasons on which the



employee has no control. Unavoidable absence will not be included to attend wedding or similar ceremony or absence on which he/she has no control. Sickness should be covered by a bonafide certificate issued from Railway Medical Authority.

8. Tentative schedule for holding the selection:

Activity number	Details of activity	Tentative date (mention specific date wherever confirmed)
PART-A		
1	Issue of notification along with main and stand-by eligibility list	D 04.08.2025
2	Submission of certificate by concerned department along with list of unwilling employees	14.8.2025
3	Conducting pre-examination training	09.09.2025
PART-B		
4	Online issue of admit card & providing link for practice	E (the day when the admit card will be issued)
5	Conduct of written examination	E+3
6	Uploading of model answer key and activating objection tracker	E+4
7	Objection tracker will be available upto	E+11
8	Uploading of final answer key	E+14
9	Availability of result of written examination from RRC/NR to the indenting units	E+16
10	Finalizing proceedings of Selection Board/ Committee at Divisional/Unit level	E+19
11	Issue of panel	E+20

8. Websites to be visited regularly for any update:

RRC/NR's website:

<https://rrcnr.org>

Delhi Division/Unit's website:

website nr.indianrailways.gov.in Division. Delhi-Personnel.

DA: as above



(Vivek Kumar)
Asstt. Personnel Officer/E
For Divisional Railway Manager(P)
Delhi Division

Circulation:

As per standard list

All CS&WLIs/Delhi Division: To handover a copy of this Notification to the employees appearing in Annexure-I & II under written acknowledgement

Ch.OS/OS, Confidential Cell, Delhi Division

Divisional Secretary/ NRMU, URMU, SCSTREA & OBCREA

Control Office, Delhi Division

RRC/NR's website (<https://rrcnr.org>)

Sr. PRO Delhi Division website nr.indianrailways.gov.in Division. Delhi-Personnel)

APPLICATION FOR THE POST OF JE/EMU(POST) IN PAY MATRIX LEVEL- (6) OF 7TH
CPC PAY MATRIX (GP 4200/- OF 6TH CPC) AGAINST 25% (P.QUOTA) IN DELHI
DIVISION

1. Name :
2. Father's Name:
3. PF No.:
4. HRMS ID :
5. Mobile No:
6. Email Id:
7. Designation :
8. Office :
9. Community (tick appropriate)

UR SC ST PWD

(If SC/ST copy of attested community certificate should be attached)

10. Date of Birth :
11. Date of Appointment :
12. Date of Regular Appointment :
13. Date of entry in present Grade/Post :
14. Capacity of Appointment :
15. Present Pay in Pay matrix :
16. Date of Total regular service in
the Grade as per Eligibility Criteria :
17. Transfer Particulars if any from
other Department or from other
Division, if any :
18. Education Qualification :

(Copy of attested certificates should be attached)

Declaration

I hereby declare that all the particulars given in this application are true and correct to the best of my knowledge and belief. I am eligible for the selection as per eligibility criteria stipulated in the notification. I understand that in the event of particulars or information given herein being found false or incorrect at later stage. I am liable to be taken up under D&AR for major penalty apart from my application being rejected.

Date

Signature

Name

Place

Designation

Certified and forwarded to

Date

Signature of supervisory official

Name

Place

Designation

Eligibility List of Sr.Tech for the Promotion of JE/PQ/EMU/GZB

S.No.	Employee No.	Name	Father's Name	Desgn.	Station	Cat.
1	50302851271	Gopi Sahai Meena	Payare Lal Meena	Sr. Tech	EMU/GZB	ST
2	50302833438	Jamuna Prasad	Ram Harak	Sr. Tech	EMU/GZB	
3	50302833414	Lessli Vessli	K.Vessli	Sr. Tech	EMU/GZB	
4	50313653945	Bir Singh	Jiley Singh	Sr. Tech	EMU/GZB	SC
5	50313653910	Chottey Lal	Ram Charan	Sr. Tech	EMU/GZB	SC
6	50302845623	Anil Kumar Sharma	khacheroo Mal Sharma	Sr. Tech	EMU/GZB	
7	50302845696	Dhanesh Singh	Karan Singh	Sr. Tech	EMU/GZB	
8	50313653878	Sanjay Kumar	R.P.Sharma	Sr. Tech	EMU/GZB	
9	50302855665	Ashok Kumar	Om Parkash	Sr. Tech	EMU/GZB	
10	50302849744	Sanjeev Kumar Saxena	M.C.Saxena	Sr. Tech	EMU/GZB	
11	50313653908	Pradeep Kumar	Daya Chand	Sr. Tech	EMU/GZB	SC
12	50302849392	Manoj Kumar	Rajender Singh	Sr. Tech	EMU/GZB	
13	50313656235	Vijay Kumar Shakya	C.L.Shakya	Sr. Tech	EMU/GZB	
14	50302849460	Khushi Ram	Ram Dass	Sr. Tech	EMU/GZB	
15	50313656181	Anil Kumar Giri	Devi Sharan Giri	Sr. Tech	EMU/GZB	
16	50302849409	Ajit Singh	Raj Singh	Sr. Tech	EMU/GZB	
17	50302858599	Ramakant Bharti	Bhikkhi Ram	Sr. Tech	EMU/GZB	SC
18	50313653416	Bharat Kumar Sharma	Ganga Pd. Sharma	Sr. Tech	EMU/GZB	
19	50302856025	Radha Ballabh	Baboo Lal	Sr. Tech	EMU/GZB	
20	50302861276	Jagdish Prashad	Kalu Ram	Sr.Tech	EMU/GZB	SC
21	50302884045	Anil Kumar	Ram Singh	Sr. Tech	EMU/GZB	
22	50320120605	Mohit Kumar (PWD)	Raghubir Prasad	Sr.Tech	EMU/GZB	PWD/SC
23	50320132311	Naveen Kumar Meena	Johari Lal Meena	Sr.Tech	EMU/GZB	ST
24	50320132305	Mithlesh Kumar	Dashrath Prasad Singh	Sr.Tech	EMU/GZB	ST
25	50320132309	Ramji Lal Meena	Jagdish Prasad Meena	Sr.Tech	EMU/GZB	ST

POON

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Digitally signed
by POONAM
Date: 2025.08.04

Stand by list of Sr.Tech/Gen/Mis for the Selection of JE/PQ/25%

S.No.	Employee No.	Name	Father's Name	Desgn.	Station	Cat.	Remark
1	50302884021	Manoj Kumar	Sannu	Sr. Tech	EMU/GZB		
2	50302849677	Ashok Kumar	Ami Chand	Sr.Tech/ Misc	EMU/GZB	SC	
3	50303276673	Gopal Dutt Pandey	KhemaNand Pandey	Sr. Tech	EMU/GZB		
4	50313653430	Bal Kishan	Chander	Sr. Tech	EMU/GZB		
5	50302851260	Mahender Singh	Bal Kishan	Sr.Tech/ Misc	EMU/GZB	SC	
6	50302858034	Satendra Singh Rawat	Narain Singh Rawat	Sr. Tech	EMU/GZB		
7	50313653740	Rama Shish Shah	Ghoghan Saha	Sr. Tech	EMU/GZB		
8	50313653726	Rama Kant Gupta	Parmeshwar Gupta	Sr.Tech	EMU/GZB		
9	50302844072	Mahavir Singh	Khem Chand	Sr. Tech	EMU/GZB		
10	50313653702	Raj Bahadur singh	Nawab Singh	Sr. Tech	EMU/GZB		
11	50302856001	Vishwanath	Radha Kishan Bhagat	Sr. Tech	EMU/GZB		
12	50302858460	Ramesh Kumar	Jai Pal Singh	Sr. Tech	EMU/GZB		
13	50302865117	Bhagwan Dass	Satya Pal	Sr. Tech	EMU/GZB	SC	
14	50302865051	Rajendra Kumar	Sradha Nand	Sr. Tech	EMU/GZB	SC	

Ch.OS/EMU/GZB

DEE/EMU/GZB

04/08/25
DC/EMU/GZB

Northern Railway

No. 561-E/TH CPC/Pt.V/2025/P-14
Date: 07-2025

DRM Office,
New Delhi

Category J/Delhi Division
All Branch Officer/Delhi Division
Sr Subordinate Incharges
Delhi Division.

(NR PS NO.....16009...../2025.....)

Sub:- Syllabus for Selection for the post of JE/EMU (Level-6)


Ref:- General Manager/P, N. Rly., Hd. Qtr Office, Baroda House, New Delhi, letter Number

752-E/Genl./GMA (317090) dated 15 / 07 / 2025

In reference to above subject, the syllabus for selection to the post of JE/EMU (Level-6), is enclosed herewith for your information and necessary action please.

Please acknowledge the receipts.

DA/as above


16/07/25
Abhijit Gupta
(.....)
for Divisional Railway Manager/P

New Delhi

Copy for information & necessary action to:-

1. PA to DRM/Delhi
2. PA to all ADRMs
3. PA to Sr DPO/C, Sr DPO/II, Sr. DPO/III and all Personnel Officers & All Chief Office
Supdt's/Personnel Delhi Division.
4. Divisional Secy/NRMU Delhi Division.
5. Divisional Secy/NRMU Delhi Division
6. Divisional Secy/SC-ST Association Delhi Division.
7. Divisional Secy/OBC Association Delhi Division.

NORTHERN RAILWAY

Headquarters Office
Baroda House
New Delhi.

P.S.No. 16009/2025

NO: - 752-E/Elect./EIIA (317090)

Date: 15.07.2025

DRM:- DLI, UMB, FZR, MB, JAT & LKO.
CWM:- JUDW, AMV-LKO, CB-LKO & ASR

Sub: - Syllabus for selection for the post of JE/EMU (Level-6).

Ref: -(i) PCPO letter no. PCPO/sel./2025 dated 15.05.2025.

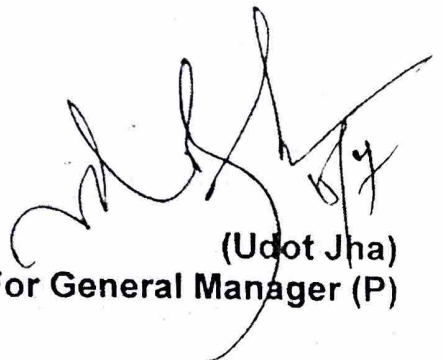
(ii) SEE/Plg/Elect. letter No. 186-Elect./G/Policy/EM/O, dated 23.06.2025

In reference to above subject, the syllabus for selection to the post of JE/EMU (Level-6), is enclosed herewith for your information and necessary action please.

The above P.S.No. is available on the website given as under:-
<https://nr.indianrailways.gov.in>

Hindi version will follow.
Please acknowledge the receipt.

DA/As above


(Udot Jha)
For General Manager (P)

Copy to:

1. All PHODs and All Officers of Personnel Deptt., HQ Office, Baroda House, New Delhi.
2. General Secy./NRMU, 12 Chelmsford Road, New Delhi.
3. General Secy./URMU, 166/2, P.K Road, New Delhi.
4. Genl. Secy./AIOBC Rly Emp. Asso. 171/A3, Basant Lane, New Delhi.
5. Zonal Secy., All India SC/ST Rly Emp. Asso. North Zone Office, Baroda House New Delhi.
6. Genl. Secy., NRPOA, Room No. 301, HQ Office, Baroda House New Delhi.
7. Dy. CPO/IT, HQ Office, Baroda House, NDLS for uploading on the website.

NORTHERN RAILWAY

Annexure - I

Syllabus for the selection/written test for promotion to the post of Junior Engineer Level-06 (GP-4200) against 25% intermediate Quota in Electrical/EMU Department.

1. INTRODUCTION TO WORKING OF RAILWAY ORGANIZATION AND ELECTRICAL DEPARTMENT SET UP

- a) General introduction to Indian Railways- Brief History, salient features.
- b) Organizational structure- Railway administration/ Railway Board setup, Zonal/HQ setup, Divisional setup etc.
- c) Introduction to Electrical Department- organizational structure, functions, role of electrical department in Railways.
- d) Organizational structure of Sheds/Workshops, sections of the shed & their functions.
- e) Various units of Railways, Major workshops, Production units, RDSO etc.
- f) Duties of JE/SSEs.

2. CONDITION MONITORING

- a) Basic concepts of Condition Monitoring of Electrical Equipment
- b) Condition Monitoring Techniques
 - DC tests- Insulation Resistance test etc.
 - AC tests- Capacitance & Tan Delta measurement, Partial Discharge, Transformer Electrical tests, etc.
- c) Condition Monitoring of Transformers- Theory and Practice of Dissolved Gas Analysis (DGA), BDV, Capacitance & Tan Delta measurement of winding and Bushings etc.
- d) Condition Monitoring of power cables
- e) Non-destructive testing techniques for crack detection like visual testing, Dye Penetrate Testing, Eddy current testing and Ultrasonic testing etc.

3. BASIC TECHNICAL KNOWLEDGE:

- a) Basic principles of electricity and magnetism, properties of electric materials, AC and DC power supply, Conductor, semi-conductor and insulators, Voltage, resistance, Power, Ohms law, Series and parallel connections, colour code for resistor, batteries etc.
- b) Basic electronics diodes, transistors, rectifiers, voltage stabilization and its applications.
- c) Knowledge of electric measuring instruments, their principles and construction
- d) General knowledge of servo motors, stepper motors welding control and servo control
- e) Knowledge of various electromechanical/magnetic control relay, contractors, micro switches, limit switch proximity or sensor switches etc. and their application in various machine tools and workshop equipment.

4. MAINTENANCE AND SERVICING:

- a) Trouble shooting techniques and modern repair techniques, proper use of electrical test instruments/equipment for trouble shooting and servicing of electrical/electronic systems.
- b) Knowledge of modern test and measuring equipment available in electrical repair shop and their application.
- c) Importance of preventive maintenance use of check lists, scheduling/ planning for maintenance work, maintenance log cards regarding EMU/MEMU rakes.
- d) Knowledge of Electrical installation of machinery and plant with specific attention to power space requirement and installation illumination, grounding methods of improving grounding resistance with special attention to electronically controlled machine.

- e) Knowledge of power and control circuit drawings component layout nomenclature, code of practice of engineering drawing, schematic symbols, free hand sketching of electrical circuits, relays contractor timers etc.

5. **DISCIPLINE SPECIFIC KNOWLEDGE-EMU:**

- a) General description of EMU/MEMU conventional & 3 phase rakes, their Acceleration and retardation, regenerative braking
- b) Difference between EMU and MEMU Type of Coaches (MC, TC and vendor coaches). Unit information of EMU and MEMU
- c) Maintenance schedule of Periodicity and major activities in conventional & 3 phase EMU/MEMU rakes, codes/manuals/SMIs related to EMU/MEMU, Trip/schedule inspection, testing protective device and relays, OHE isolation.
- d) Description of Mechanical items, Bogie, wheels, Gear, axle box, Coupler, side bearers, centre pivot, cattle guard, Roller bearings, air suspension bearing, Axle clearances, wheel defects, lubricants used etc.
- e) Traction Motor and Aux Motors, OHE, Pantograph, SPM and Pneumatic items- Compressor, Main reservoir, air dryer, Braking system, Brake binding etc.
- f) Function of Major and ratings equipment (Circuit breaker, ABB/VCB). Bushing/CHT, TF, Choke tank, Rectifier, switch gear, Tap changer. Function of Traction control management systems, HMI, PAPIS, Master controller, deadman's handle, all types of converters, DC link, electronic cards etc.
- g) General description of train lighting, cab items, battery items, Head light, flasher light, jumper, charger, Carriage fans, MCBs, fuses & their ratings, electrical equipment in HT/LT compartments.
- h) Passenger amenity items, body furnishing items, bio-toilets, RTIS, Fire Suppression & smoke detection system, Kavach working & limitations.

6. **WELDING TECHNOLOGY:**

- a) Basics of welding, Classification of various types of welding techniques, gas cutting, laser cutting etc. and their application
- b) Safety during welding and gas cutting
- c) Welding defects and prevention
- d) Classification, properties and selection of electrodes.

7. **SHOP MANAGEMENT:**

- a) Knowledge of functions of Time Office and procedure orders for gate passes. Knowledge of incentive scheme, work order system, booking of labour hours, documents processing.
- b) Various registers maintained in shops and their need. Stock verification authorities and periodicity.
- c) Various safety measures to be followed on the shop floor in general and for various machines and equipment in particular, availability of first aid, Earthing, insulation, circuit protection, Fire safety in electrical systems.
- d) Staff protective clothing and their entitlements.

8. **MATERIAL MANAGEMENT IN RAILWAYS:**

- a) Introduction to material management.
- b) Organizational structure of material management organization of Indian Railways
- c) Functions of material management- Planning and inventory management (Stock items, PL no. & non stock items), procurement, receipt and inspection & handling of rejection etc.
- d) Model SOP, IRS-condition of contract, Store Depot working, stock verification & audit. Scrap disposal.
- e) Non stock procurement under works programme, RSP, M&P, E-procurement, IREPS, GEM procurement etc.

9. **CONTRACT MANAGEMENT & FINANCIAL MANAGEMENT:**

a) **Contract management**

- Tenders & Contracts
- Vigilance

b) **Financial Management**

- Railway accounting and financial procedures
- Primary units, various demands
- Works programme, M&P and RS programme
- Stages of budgeting (Revised and Budget estimates, Review, Final Modification)
- Roles of JE & SSE in Tenders & Contracts

10. **GENERAL & ESTABLISHMENT KNOWLEDGE:**

- a) D&AR Rules: Various definitions, the applicability, suspension and issue of minor penalty charge sheet, appeals
- b) Industrial relations and roles of trade unions.
- c) Various types of leaves which can be granted to staff.
- d) Railway Service Conduct Rules.
- e) General knowledge about working in various other departments in Railways
- f) Knowledge about Pass, PTO, Travel on duty, increment, Promotion of artisans, Quarters, Staff welfare, Allowances, HOER etc.
- g) Basics of RTI and Disabilities Acts and our obligations & responsibilities.
- h) Establishment powers of JE & SSE in open line.

11. **COMPUTER FUNDAMENTALS:**

- a) Basics of hardware and software, Semiconductors, Gates and Diodes.
- b) Operating systems basics
- c) Internet, E-mails, MS-office and useful apps.

13. **राजभाषा**

- a. राजभाषा- संवैधानिक प्रावधान,
- b. राजभाषा अधिनियम 1963 (यथा संशोधित 1976),
- c. संविधान की आठवीं अनुसूची में शामिल भाषाएँ,
- d. राजभाषा कार्यान्वयन समिति,
- e. राजभाषा प्रोत्साहन / पुरस्कार योजनाएँ,
- f. हिंदी प्रशिक्षण

14. **General Knowledge, Reasoning, Aptitude.**