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**NORTHERN RAILWAY
(DELHI DIVISION)**

No. 726-E/8/Selection/JE 40%/PQ/P6

Dt. 11.08.2025

NOTIFICATION NO. 30/2025/(Delhi Division)

**SELECTION FOR PROMOTION TO THE POST OF JE/SIGNAL IN PAY LEVEL- 06
AGAINST 40 % PROMOTE QUOTA IN S&T DEPARTMENT OF DELHI DIVISION.**

1. It has been decided to hold a selection for filling up 16 vacancies for the post of JE/SIGNAL Pay Level - 06 against 40% Promote Quota in S&T 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)
12	03	01	16	NA

2. Eligibility and Service conditions:

(i) The list of senior most eligible staff working as Senior Technician of S&T 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 21.08.2025 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 un-willingness 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 pre-selection coaching classes	Will be decided by the Competent Authority
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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 in


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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:

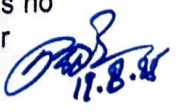
6.1. The willing employees should submit their application (Hard copy) in the prescribed proforma enclosed (Annexure-V) dully filled in all respects on or before 21.08.2025 at Single Window Cell/Samadhaan portal of Delhi Division.

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/C (please change as required). 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/C on or before 21.08.2025.

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


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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 numb	Details of activity	Tentative date (mention date wherever confirmed)
PART-A		
1	Issue of notification along with main and stand-by eligibility list	11.08.2025
2	Submission of certificate by concerned department along with unwilling employees	21.08.2025
3	Conducting pre-examination training	To be concluded by 18.09.2025
PART-B		
4	Online issue of admit card & providing link for practice	E (the day when the admit card 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 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: nr.indianrailways.gov.in → Division → Delhi → Personnel.

DA: as above


Asstt. Personnel Officer/DLI
For Divisional Railway Manager (P)
Delhi Division

Circulation:

As per standard list
Sr. DSTE/C/Delhi Division
All DSTE and ASTE.
All CS&WLs/Delhi Division: To handover a copy of this Notification to the concerned senior supervisors i.e. all SSE/Sig 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's to upload the website- nr.indianrailways.gov.in → Division → Delhi → Personnel.

APPLICATION FOR THE POST OF JE/SIG IN PAY MATRIX LEVEL- (6) OF 7TH

CPC PAY MATRIX (GP-4200./-) AGAINST PQ 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

Designation

Place

Certified and forwarded to



Date

Signature of supervisory

official

Name

Place

Designation

LIST OF SENIOR MOST EMPLOYEES WORKING AS MCM/SIGNAL IN GP-4200 L-6

S. No.	IPAS No.	HRMS ID	Name of the Employee Sh.	Father's/Husband's Name	Dept	Design	Station	SC/ST	REMARKS
1	50300330358	OBRYDP	Raj Kumar	Om Prakash	S&T	MCM	PS/DLI		
2	50303314583	TWGWXY	Mahesh Kumar	C.M. Ram	S&T	MCM	SMQL	SC	
3	50303305429	KXIGHS	Arvind Kumar	Raghuvir Singh	S&T	MCM	W/DLI		
4	50303311600	AQKRXX	Praveen Kumar	Harpal Singh	S&T	MCM	MUT		
5	50303310360	XDMMRZ	N.K. Sharma	D.N. Sharma	S&T	MCM	HNZM		
6	50303315770	BORZCC	Sandeep Kumar	Kailash Chand	S&T	MCM	EAST/NDLS		
7	50303314534	JXUUFA	Rajesh Kumar	R.S. Singh	S&T	MCM	DEC		
8	50303314650	HGZICO	Jai Prakash Mehta	S.S Mehta	S&T	MCM	PS/DLI		
9	50303314522	BDETGA	Mukesh Kumar Dhakar	Budha Ram	S&T	MCM	W/DLI		
10	50303314595	RXXZYY	August Prasad	Bisheshwar Prasad	S&T	MCM	SRE		
11	50303314649	BTIDJE	Sudhir Kumar	Bindeshwari Singh	S&T	MCM	EAST/NDLS		
12	50303303792	UTAQUL	Ashok Kumar	Kultar Singh	S&T	MCM	DG/SZM		
13	50303763006	WUWLYZ	Pramod Kumar Aggarwal	K.L. Aggarwal	S&T	MCM	FDB		
14	50303306574	FERQPX	Pram Kumar	Ram Lal	S&T	MCM	C/PS	SC	
15	50303313384	HHDUPN	Devender Kumar	Hari Ram	S&T	MCM	GZB	SC	
16	50303307487	ELLSJD	Thakur Dass	Bihari Singh	S&T	MCM	C/PS	SC	CONS T
17	50303313992	DZKJLA	Mahesh Rajak	L.C. Rajak	S&T	MCM	GZB	SC	
18	50303314698	DOXUAQ	Mukesh Duggal	Om Prakash	S&T	MCM	ROK	SC	
19	50303303408	ZKCHHC	Anoop Kumar	Ghasi Ram	S&T	MCM	C/PS		CONS T
20			Surender Pal Singh	M. Singh	S&T	MCM	Spl./TKJ		TKJ
21	50303306768	HBIJQF	Rajiv Kumar	Hukam Chand	S&T	MCM	C/TKJ		
22	50313743648	RGTPKW	Amit Srivastva	O.C. Srivastva	S&T	MCM	GZB		
23	50300509358	AHCWZR	Dinesh Prasad	Ram Prasad	S&T	MCM	DEC		
24	50303314662	GDJMDG	Prashant Kumar	Rajender Prasad	S&T	MCM	GZB	SC	
25	50303763754	KQKIQX	Anil Kumar Arora	O.P. Arora	S&T	MCM	FDB		
26	50303303895	YALCTC	Dharam Pal	Charan Singh	S&T	MCM	EAST/NDLS		
27	50320052333	WUNBM	Ravinder Kumar Sinha	Anjani Kumar	S&T	MCM	ANVR		
28	503DLA70306	HMWHTW	Dhananjay	Vishvavir	S&T	MCM	MUT		
29	503DLA70009	UYPQND	Nagender Kr. Singh	Babban Singh	S&T	MCM	HNZM		
30	50320052179	BLWSBP	Satya Swaroop	H S Singh	S&T	MCM	TKD		
31	50320051638	DFPZGI	Dharam Bir	Baleshwar Pd	S&T	MCM	EAST/ND		

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			Kumar				LS		
32	50302669729	ILZSLE	Devender Kumar	C.L. Mishra	S&T	MCM	DEC		
33	50320051641	SXUPFQ	Kamleshwar Dutt Sharma		S&T	MCM	W/DLI		
34	50320052334	IWABZZ	Sanjay Kumar	Puran Chand	S&T	MCM	DEC		
35	50303314364	YGEWIG	Ranjit Kumar	Kameshwar Singh	S&T	MCM	DEC		
36	50303313980	EPKMDI	Binod Kumar Binay	S P Yadav	S&T	MCM	W/DLI		
37	50320100142	DZZRCQ	Ambuj Kumar	Vinod Kumar	S&T	MCM	STTC GZB		
38	50320061882	HQFBIO	Manoj Kumar	Hoshiyar Singh	S&T	MCM	DEC		
39	50320071488	BWYSCZ	Kewal Kr Jha	Bishvanath Jha	S&T	MCM	ROK		
40	50320071486	WKCHZX	Pritam Singh		S&T	MCM	ROK		
41	503DLA80171	NNQUOR	Shiv Kr Singh	P N Singh	S&T	MCM	EAST/ND LS		
42	50303304103	EYWFMJ	Ashutosh Tiwari	H P Tiwari	S&T	MCM	EAST/ND LS		
43	503DLA70274	MPGAQF	Pavan Kumar	Het Ram	S&T	MCM		SC	
44	50320090863	MTBABK	Brijendra Kumar	Jagdish Raj	S&T	MCM	PS/DLI	SC	
45	50390509097	QLGCGY	Raj Kumar	Ram Kumar	S&T	MCM	BTI/NPX	SC	
46	50320071605	XSWTZS	Ashok Kumar	Ram Singh	S&T	MCM	ROK	SC	
47	50320083898	SMMXPP	Surya Pal	Ganga Ram	S&T	MCM	TKD	SC	
48	50390509139	CXFSZS	Angad Ram Meena	Ram Khilari	S&T	MCM	DEC	ST	



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LIST OF STANDBY EMPLOYEES WORKING AS MCM/SIGNAL IN GP-4200 L-6

No.	IPAS No.	HRMS ID	Name of the Employee Sh.	Father's/Husband's Name	Dept	Design	Station	SC/ST
1.	503DLA80191	THXNIB	Ashish Kr Singh	Kamlesjwari Singh	S&T	MCM	HNZM	
2.	50320100138	WTUYKW	Pankaj Kumar Nirala	Suresh Prasad	S&T	MCM	NZM	
3.	50320113127	YXOZPZ	Alok Pal	Krishan Pal	S&T	MCM	MUT	
4.	503DLC08391	PJEGUX	Ravindra Singh Rawat	Madan Singh Rawat	S&T	MCM	DEC	
5.	50303639411	INBRLY	Arun Kumar Awasthi	R. K. Awasthi	S&T	MCM	FDB	
6.	50303308303	UFRSA	Surendra Singh	Jagat Singh	S&T	MCM	GZB	
7.	50320040427	YCCXGL	Mukram Meena	R.S. Singh	S&T	MCM	ROK	ST
8.	50320040896	XPOULW	Hari Ram Meena	R.K. Meena	S&T	MCM	DEC	ST
9.	50320040345	RINAYY	Bhag Chand Meena	R.K. Meena	S&T	MCM	EAST/NDLS	ST
10.	50320090535	XFKYOG	Sanjar Ahamad Khan	Alamgir Khan	S&T	MCM	EAST/NDLS	
11.	50320083359	IHAGHE	Pintoo Kumar	Girija Nandan	S&T	MCM	CW/NDLS	SC
12.	5030330713	QZYDTT	Jok Mohd	Gul Bahar	S&T	MCM	PS/DLI	
13.	50303308285	ULHFGC	Anil Kumar	Malkhan Singh	S&T	MCM	EAST/NDLS	SC
14.	503DLC30164	BKCTIL	Neeraj Kumar	Ram Kishan	S&T	MCM	DBD	SC
15.	50313747307	IDXBRE	Harveer Singh	Indraj Singh	S&T	MCM	MUT	SC
16.	503DLA90385	YNFZYJ	Somnath Sarswat	Rameshwar Pd	S&T	MCM	GZB	
17.	50320100624	GRCPJL	Avinash Kr Sinha	Vinod Kumar	S&T	MCM	TKD	
18.	50320090888	RZUZNU	Vinay Kumar Yadav	S N Yadav	S&T	MCM	PNP	
19.	50320109054	SNFMJN	Pankaj Kumar	B. K. Verma	S&T	MCM	NZM	
20.	50405301725	RZPPFL	Anupam Prasad	Inder deo Pd	S&T	MCM	EAST/NDLS	
21.	50320082864	DMYATE	Subhash Kumar	Shambhu Nath Mishra	S&T	MCM	GZB	
22.	50320134068	DLAHCB	Sandeep Kumar	Ishwar dutt	S&T	MCM	PNP	
23.	50320133255	SFHPLN	Sonu Gupta	Ram Lal	S&T	MCM	PS/DLI	
24.	503DLC90371	ZRZMIH	Vikas Kumar	Harish Chandra	S&T	MCM	GZB	
25.	50303308042	TKRQKA	Mubarik Khan	Mamla Khan	S&T	MCM	TKD	
26.	50300565763		Gaya Prasad	Gokul Prasad	S&T	MCM	SPL/TKJ	
27.	50303310541	JAEPJM	Anand Kr Mishra	R P Mishra	S&T	MCM	EAST/NDLS	
28.	50303310954	RUIUBF	Sanjay Kumar	Ashok Kumar	S&T	MCM	NZM	
29.	50390509530	EBUJNG	Raju	Bansi Lal	S&T	MCM	DEC	SC
30.	50303265961	ACCZLI	Janesh Kumar Sharma	Ram Phal	S&T	MCM	PS/DLI	
31.	50303440199	CGYCPW	Yudhbir Singh Rawat	M S Rawat	S&T	MCM	GZB	
32.	50303313578	PNKoxM	Kamal Kishor Mandal	Bhola Pd. Mandal	S&T	MCM	TKD	
33.	50303313712	FKNBPO	Narender Singh	Ram Dutt	S&T	MCM	GZB	
34.	50303313827	DJENCI	Sudhesh Kr Monga	Chetan Singh	S&T	MCM	GZB	SC
35.	50300056601	GUJPME	Shushil Kumar	Malkhan Singh	S&T	MCM	C/PS/DLI	
36.	50303313839	HKSCQG	Mukesh Kumar	Rajinder Prasad	S&T	MCM	NZM	SC
37.	50303318874	HTGBYG	Narender Singh Rawat	D S Rawat	S&T	MCM	EAST/NDLS	
38.	50303313360	YKMYUL	Shyam Vir Singh	Aneg Singh	S&T	MCM	MUT	
39.	50303312835	JWYOMS	Bhavesh Kr Singh	Sudershan Singh	S&T	MCM	NZM	
40.	50303312823	MMAQOI	Lalit Kr Verma	Padam Singh	S&T	MCM	NZM	UR

11.8.25
APOL DCI
B. R. Singh

NORTHERN RAILWAY

Headquarters Office,
Baroda House,
New Delhi.

P.S.No.16043/2025

Dated:- 08.08.2025

No. 752-E/Policy/S&T/2024/EIIBII

DRM/NR-DLI, FZR, LKO, MB, UMB & JAT
CAO/C, K.Gate/DLI, CAO/C USBRL/Satyam Complex, TrikutaNgr/JAT.
CWM/CB-LKO, JUDW, AMV-LKO & ASR, CWM/Signal Shop/GZB.
Dy. CMM/SSB, AMV-LKO & JUDW
DY.CE/TMC/Line, State Entry Road, New Delhi.
Chief Manager (Ptg. & Sty) Punjabi Bagh, Delhi.
Dy.CE/Bridge, CB-LKO, JUC & TKJ.

Sub: Syllabus for Selection for the post of JE/Sig.

Ref: (i) PCPO's letter No. PCPO/Sel./2025 dated 14.05.2025.

(ii) CSE/East/NR letter's no.570-E/5/Misc/Pt-XI(NG Staff) (E-10124) dated: 07.08.2025

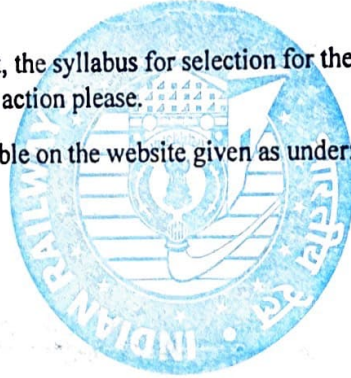
In reference to above subject, the syllabus for selection for the post of JE/Sig, is enclosed herewith for your information and necessary action please.

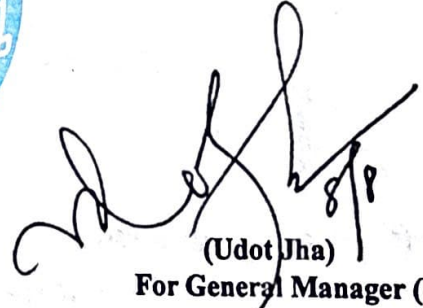
The above PS.No. is available on the website given as under:-<https://nr.indianrailways.gov.in>

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. Genl. Secy./NRMU, 12 Chelmsford Road, New Delhi.
3. Genl. 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, HQs Office, Baroda House, NDLS for uploading on the website.

9402/2025/O/o PCSTE/HQ/NR

Syllabus for Selection for Group-C Post for JE/Sig

ग्रुप-सी की जेई/सिग पोस्ट के चयन के लिए पाठ्यक्रम

SN	Contents/Topics	Marks Allotted
I	Signalling (सिग्नलिंग)	70
II	Codes & Manuals (कोड एण्ड मैनुअलस)	10
III	General (जनरल)	20

(Weightage of Marks- 70)

I. Signalling/सिग्नलिंग:

(Weightage of Marks- 10)

Section-A

1. Basic concept of Signalling.
सिग्नलिंग की बेसिक अवधारणा।
2. Principles of Interlocking. Signal Interlocking Plan, Table of Control, ESP, SWR, SWRD, Panel/VDU diagram, Cable Coreage, Cable Route Plan, Track Bonding Plan etc.
इंटरलॉकिंग के सिद्धांत। सिग्नल इंटरलॉकिंग योजना, नियंत्रण तालिका, ईएसपी, एसडब्ल्यूआर, एसडब्ल्यूआरडी, पैनल/वीडीयू डायग्राम, केबल कोरेज, केबल रूट प्लान, ट्रैक बॉन्डिंग प्लान आदि।
3. Colour Light signal concepts.
कलर लाइट सिग्नल की अवधारणा।

(Weightage of Marks- 15)

Section-B

4. All type of Relays, Cables- 6 Quad OFC & Signalling Cables,
सभी प्रकार की रिले, केबल-6 क्वाड ओएफसी तथा सिग्नलिंग केबल।
5. Point Machines-IRS, TWS, EPD.
पॉइंट मशीन, ईपीडी।
6. Train Detection: DC Track Circuits, Axle Counters (SSDAC & MSDAC),
ट्रेन डिटेक्शन: डीसी ट्रैक सर्किट, एक्सल काउंटर (एसएसडीएसी तथा एमएसडीएसी)
7. Interlocked Level Crossing Gates- MLB, ELB & SLB.
इंटरलॉक्ड लेवल क्रॉसिंग गेट्स- एमएलबी, ईएलबी और एसएलबी।

(Weightage of Marks- 15)

Section-C

8. Block Working- Absolute block working- Double line Block Instrument (SGE), UFSBI, SSBPAC.
Single line- IRS handle type token-less block instrument, UFSBI, SSBPAC. Automatic Block Working.
ब्लॉक वर्किंग- पूर्ण ब्लॉक वर्किंग- डबल लाइन ब्लॉक इंस्ट्रुमेंट (एसजीई), यूएफएसबीआई, एसएसबीपीएसी।
सिंगल लाइन- आईआरएस हैंडल टाइप टोकन-लेस ब्लॉक इंस्ट्रुमेंट यूएफएसबीआई, एसएसबीपीएसी। ऑटोमैटिक ब्लॉक वर्किंग।
9. Power Supply Arrangements- Integrated Power Supply, Charger, ELD & Cell (Low Maintenance Lead Acid & VRLA).
पावर सप्लाई व्यवस्था- इंटीग्रेटेड पावर सप्लाई, चार्जर, ईएलडी और सेल (लो मेन्टेनेंस लेड एसिड और वीआरएलए)।
10. Automatic Signalling & Intermediate Block Signalling.
ऑटोमैटिक सिग्नलिंग और इंटरमीडिएट ब्लॉक सिग्नलिंग।
11. Signalling In 25 KV In RE Area.
25 केवी आरई एरिया में सिग्नलिंग।

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Section-D

(Weightage of Marks- 20)

12. Relay Interlocking concepts - Metal to Carbon, Metal to Metal, Panel Interlocking and Route Relay Interlocking.
रिले इंटरलॉकिंग अवधारणा - मेटल टू कार्बन, मेटल टू मेटल, पैनल इंटरलॉकिंग और रूट रिले इंटरलॉकिंग।
13. Electronic Interlocking- Principles, Configuration, Interface logic, Application logic, VDU logic, FAT, SAT, Technical System Approval.
इलेक्ट्रॉनिक इंटरलॉकिंग- सिद्धांत, कॉन्फिगरेशन, इंटरफेस लॉजिक, एप्लिकेशन लॉजिक, वीड्यू लॉजिक, एफएटी, एसएटी, तकनीकी सिस्टम अनुमोदन।
14. Data Logger.
डाटा लॉगर।
15. Earthing, Lightning and Surge protection arrangements.
अर्थिंग, लाइटनिंग और सर्ज प्रोटेक्शन व्यवस्था।

Section-E

(Weightage of Marks- 10)

16. Train Protection System - Kavach.
ट्रेन प्रोटेक्शन सिस्टम- कवच।
17. Centralised Traffic Control (CTC), Train Management System (TMS).
सेन्ट्रलाइज्ड ट्रेफिक कंट्रोल (सीटीसी), ट्रेन मैनेजमेंट सिस्टम (टीएमएस)।
18. Execution of S&T Infrastructure works- Planning, Execution, CRS sanction, Documentation, Testing and Commissioning.
एस एंड टी इन्फ्रास्ट्रक्चर वर्क्स का निष्पादन- योजना, निष्पादन, सीआरएस सैंक्शन, डॉक्युमेंटेशन, परीक्षण और कमीशनिंग।
19. AFDAS, SMMS, FACS & RDPMS.
एफडीएस, एसएमएमएस, एफएसीएस और आरडीपीएमएस।
20. Basics of Cyber Security.
साइबर सुरक्षा का बेसिक।
21. Safety in Train Operations, Protection at site, Disaster Management.
ट्रेन ऑपरेशन में सेफ्टी, साइट पर प्रोटेक्शन, आपदा प्रबंधन।

II. Codes & Manuals/कोड और मैनुअल

(Weightage of Marks- 10)

1. Indian Railway Signal Engineering Manual.
भारतीय रेलवे सिग्नल इंजीनियरिंग मैनुअल।
2. RDSO Specifications & TAN.
आरडीएसओ स्पेसिफिकेशनस और टीएन।
3. G & SR.
जी एंड एसआर।
4. Block working Manual.
ब्लॉक वर्किंग मैनुअल।
5. Indian Railways Schedule of Dimensions.
इंडियन रेलवे शेड्यूल ऑफ डाइमेंशंस।
6. Accident Manual.
दुर्घटना मैनुअल।
7. Railways (Opening for Public Carriage of Passengers) Rules.
रेलवे (ओपनिंग फॉर पब्लिक कैरिज ऑफ पैसेंजर) रूल्स।

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8. Extracts of Indian Railways manual of AC Traction Maintenance and Operation and Indian Railways Permanent Way Manual.
एसी ट्रैक्शन मैटेनेंस ऐंड ऑपरेशन और इंडियन रेलवे परमानेंट वे मैन्युअल के भारतीय रेलवे मैन्युअल के अर्ध।

(Weightage of Marks-20)

III. General Awareness

1. Basic Physics and Basic Maths, General Knowledge, Railway Service Code, The Railway Services (Conduct) Rules- 1966, The Railway Servants (Discipline And Appeal) Rules- 1968, Establishment, Stores (Imprest, Consumable stock, T&P, Asset Registers, stock verification, loss & theft of stores, DMTR, UDM, GeM etc.), Tender & Contracts, Accounts, Workshops, Vigilance.
बेसिक फिजिक्स ऐंड बेसिक मैथ्स, जनरल नॉलेज, रेलवे सर्विस कोड, रेलवे सर्विस (कंडक्ट) रूल-1966, रेलवे सर्वेंट (डी ऐंड एआर) रूल - 1968, स्थापना, स्टोर्स (इम्प्रेस्ट, कंज्यूमेबल स्टॉक, टी ऐंड, अस्सेट रजिस्टर, स्टॉक वेरिफिकेशन, लॉस ऐंड चोरी ऑफ स्टोर्स, डीएमटीआर, यूडीएम, जेम आदि), टेंडर और कॉन्ट्रैक्ट्स, अकाउंट्स, वर्कशॉप्स, विजिलेंस।
2. General Knowledge on HRMS, e-office, HMIS, UMID, IREPS.
एचआरएमएस, ई-ऑफिस, एचएमआईएस, यूएमआईडी, आईआरईपीएस पर सामान्य ज्ञान।

से.प्र.प्र.प्र.
06.08.25



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