

दक्षिण पूर्व रेलवे/South Eastern Railway

मण्डल रेल प्रबंधक ,कार्यालय (का)
Office of the DRM (P)/KGP
Dated: 21.04.2026

संख्या/No. SER/P-KGP/EE/210/Selec/JE(P.Way)/20% (LDCE)/26

To
The Sr. Divisional Engineer (Co),
S. E. Railway/Kharagpur.

NOTIFICATION

Sub:	Selection through CBT/TBT for formation of panel of JE/P.Way in Pay Matrix Level-6, against 20% LDCE of Civil Engineering Department of Kharagpur division.
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It has been decided to conduct Selection through CBT/TBT for formation of panel of JE/(P.Way) in Level-6 of 7th CPC Pay Matrix against 20% LDCE of Civil Engineering Department of KGP Division including 20% DPQ vacancies diverting to LDCE vacancy stipulated under Estt. Srl. No. 132/2009 (RBE No. 113/2009), Estt. Srl. No. 137/2014 (RBE No. 120/2014) and Estt. Srl. No. 125/2014 (RBE No. 97/2014). Accordingly, applications are invited from the eligible employees of KGP Division as per eligibility criteria furnished at Para-2 below, in prescribed proforma.

The details of the notification are furnished below:

1. **Details of vacancies for JE/P.Way, L-6 against 20% LDCE including 20% DPQ vacancies diverted to LDCE vacancies of Civil Engineering Department.**

Vacancy categories	Community			Total
	UR	SC	ST	
JE(P. Way) 20% LDCE vacancies	05	03	01	09
JE(P.Way) 20% DPQ vacancies (diverted to LDCE quota)	13	03	02	18
Total vacancy	18	06	03	27

2. **Eligibility and service conditions of staff:**

- a) In terms of Estt. Srl. No. 137/2014 (RBE No. 120/2014) Track Maintainers of all grades and Civil engineering staff such as USFD staff, Blacksmith, Hammermen, Welder, Moulder, Aligner, Painter, Carpenter etc. working on P. Way side with 03(Three) years of Railway Service and either 10+2 pass with at least Three subjects out of Mathematics, Physics, Chemistry and Computer Science or having diploma in Civil Engineering/Civil Engineering (Transportation) are eligible. All diplomas should have the recognition/affiliation of AICTE. So, the staff has to submit documents relating recognition/affiliation of AICTE for being eligible for the selection.
- b) In terms of Estt. Srl. No. 70/2021 (RBE No. 72/2021) Artisan Helper working on P.Way Cadre and who have experience of working in P.Way side for three years may also be eligible provided they fulfill educational qualification and other eligibility criteria for the post.
- c) In terms of CPO/GRC's Estt. Srl. No. 153/2006, the cut-off date for determining of the eligibility of the willing staff shall be the **date of issuance of Notification.**

Note:

- i. Staff joined on request transfer on bottom seniority in this Division: Service rendered by them in old unit will be reckoned for determining their eligibility in the new unit subject to the condition that the service so allowed to be counted does not exceed the length of service of their immediate senior in the new unit in terms of Estt. Srl. No. 55/2006 (RBE No. 34/2006). He/she is otherwise eligible to be considered for the selection to Group 'C' posts as per the extant rules and the category in which he / she was working in the old unit is an eligible category for the selection/post in the new unit also (Estt. Srl. No. 129/2006 (RBE No. 99/2006)).
- ii. Eligibility of staff working in Construction Organizations/Project offices/other, Ex-cadre organization/Units will be determined with reference to their substantive post in the present department subject to the fulfillment of the other conditions laid down.

Contd. P/2

[Handwritten Signature]

3. **AGE:** In terms of Estt. Srl. 62/2024 (RBE No. 47/2024) upper age limit is 47 years for UR & 52 years for SC/ST for selection to the post of JE/P. Way against 20% LDCE Quota in Civil Engineering department.

4. **Modified objective and scheme of examination:**

The Selection shall consist of a Computer Based Test (CBT/TBT) for one stage only comprising of only one paper with following set up:

- i. Single paper of 110 marks comprising of 100% Objective Type Multiple Choice Questions (CBT/TBT) with following distribution of marks.

Topics	Total Number of Questions	Marks
Technical (professional) subjects & Establishment Rules as per approved syllabus.	100 Questions	100
Official language policy & rules (Authority: Srl. No. 03 of RBE 97/2019)	10 Questions	10

- a) Qualifying marks : 60 Marks out of 100
b) Duration : 90 minutes

- ii. Question paper will have 110 questions (100 questions for technical subjects & establishment rules + 10 questions mandatorily from official language policy & rules). Out of 110 questions, 100 questions are to be attempted.
- iii. Questions paper will be set in bilingual format (i.e. Hindi/English). In case any dispute/discrepancies in Hindi version, question of English version shall be treated as final.
- iv. In terms of Estt. Srl No. 238/2019 (RBE 194/2019), there will be **Negative marking @1/3 mark for a wrong answer** as panel will be arranged in order of merit from those qualified.
- v. There will be no Supplementary selection.
- vi. In terms of Srl. No. 03 of RBE 97/2019(Estt. Srl. No. 122/2019), if any candidate answers more than 100 questions, the first 100 attempted questions will be counted for evaluation.

5. **Mode of Selection:**

- i. The candidates have to obtain a minimum of 60% marks in Professional ability i.e. in written examination (CBT/TBT), for being considered for further selection process of perusal of Service Records, APARs etc.
- ii. In terms of Estt. Srl. No. 19/2014(RBE No. 17/2014) the final **panel will be made in order of merit from those qualified** who have secured 60% or more marks in professional ability as well as in aggregate.
- iii. The post of JE(P.Way) being a "Safety category post", there will be no relaxation in qualifying marks (60%) in written examination (CBT/TBT) to reserved Community employees as per Para 8(iii) of Master Circular - 31.
- iv. The allotment of marks under various head for being placed on the panel as per Para 219 (j) of IREM Vol-I, (Reprint- 2009) as under:

Sl. No.	Factor/Heads	Maximum marks	Qualifying marks
1	Professional ability	50	30
2	Record of service	30	-
	Total	80	48

- v. In terms of CPO/GRC's letter No. P/R/14/314/3, dated 27.09.06, SER/P-HQ/Ruling /0/963 dated 23.03.2023, & dated 06.04.2023 the marks under the heading "Record of service" is distributed as under:-

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Sl. No.	Factor/Heads	Maximum marks
1	Educational Qualification	
2	Entries in Service record	10
	(15 marks as per different heads of APARs and 5 marks as per Service Record) viz. Award/Punishment etc.	20
	Total	30

The marks under the heading "Record of service" is distributed as under:-

- a. **APAR-15 marks:-** Maximum 15 marks will be allotted for APARs, whereby 5 marks for Outstanding, 4 marks for Very Good, 03 marks for Good, 02 marks for Average and **Unfit** for Below Average for each of last 03 years APARs (Authority: PCPO/SER's Estt. Srl. No. 177/02 & 266/99 and CPO/GRC's letter no. P/6th PC/32/Pt-I dated 16.06.2011).
- b. **Service Record- 05 marks:-** As per SER Estt. Srl. No. 177/02 & 266/99 award and merit certificate for DRM (RSP)/PHOD (RSP)/GM (VRSP)/Rly Board level (AVRSP) in last 3 years, maximum 01 mark for each award/merit certificate will be taken. For major penalty during the 3 years under consideration, 01 mark to be deducted for each major penalty and ½ marks to be deducted for each minor penalty. The maximum marks under this heading should not exceed 05 marks.

Note: It is also instructed in SER Estt. Srl. No. 177/02 & 266/99 that the above are only guidelines and if necessary, depending upon the circumstances, the Members of the Committee are fully competent to lay down their own guidelines. However, if different guidelines are followed, the same should be spelt out and it shall be uniformly applied to all the candidates.

- c. **Educational qualification 10 marks:-** The marks will be allotted as follows:-

Sl. No.	Education Qualification	Marks
1	Post Graduation/Master Degree & Higher	10
2	Degree in Engineering/ Graduation/ Hons. Degree	09
3	HS/10+2/Diploma	08

(Authority: As per PCPO/GRC's letter No. SER/P-HQ/Ruling/0/963 dtd.23.03.2023 & 24.05.2023)

The "Service Record" will be assessed as per the entries available in the Service Register/Personal records with respect to the educational qualification, awards and punishment and based on the grading reported in the APARs.

- d. The assessment under "Professional Ability" will be based on the marks secured by the individual employee in the written examination (CBT/TBT) held as part of selection.
6. **Syllabus:**
The syllabus prescribed for the examination has been approved by competent authority is enclosed as "Annexure-B".
7. **Pre-selection coaching:**

Since 06 (Six) vacancies are reserved for SC candidate and 03(Three) vacancy reserved for ST candidate, hence pre-selection coaching to eligible SC and ST candidates only shall be imparted as per syllabus for a period of 3 to 4 weeks. After completion of the pre-selection coaching, a certificate has to be issued by the Controlling officer to the effect that all the eligible SC and ST candidates have been imparted pre-selection coaching for a period of 3 to 4 weeks covering the syllabus prescribed for the examination. In case, any eligible candidates expressed his/her unwillingness for pre-selection, a written declaration to the effect may be forwarded to this office. (Auth: RBE No. 71/1991 & letter No. 88E(SCT)/1/42/2 dated 11.01.1991).

8. **Date of submission of application and consolidated statement:** Applicants fulfilling the above conditions as on 21.04.2026 as detailed above, should submit applications within the target date, vide Para-(9) below.

9. **Important timelines:**

01	Tentative last date of receiving option	11.05.2026
02	Tentative last date of service particular verification	16.05.2026
03	Tentative last date of counter signed by Department	19.05.2026
04	Tentative date of issue provisional eligibility list	01.06.2026
05	Tentative date of issue final eligibility list after finalization of representation, if any	16.06.2026
06	Tentative date of pre-selection coaching start w.e.f.	23.06.2026
07	Tentative target date of completion of pre-selection coaching	13.07.2026

10. **Notifying to the staff:**

In terms of Railway Board's Letter No.E(NG)I-72/PMI/166 dated 06.06.1972 the Senior Subordinate/Supervisor concerned has to furnish a certificate that "the eligible candidates were duly notified the holding of the selection/examination and asked to submit their applications giving willingness in writing" and forward the same, to concerned Personnel Department of the Divisions/Units. It should 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 of the selection should invariably be intimated to all the eligible candidates.

This is also being uploaded on www.ser.indianrailways.gov.in → Division → Kharagpur → Notifications. Candidates have to check the website regularly for further any updates.

11. **The examination centre:**

The examination centre may be outstation of working Division/Unit and the applicants will have to appear CBT/TBT examination as per their allotted city/town/centre. No change of CBT/TBT centre shall be entertained from any applicant and CBT/TBT shall be conducted by a contracted agency outside of Railways.

12. **Medical classification:** The post of JE(P.Way) is classified under Medical category A-3 (Aye Three), hence the employees who qualify for the written examination will have to undergo a medical examination in the classification of A-3 (Aye Three) and those who are unfit in the aforementioned classification will not be considered for selection to the post of JE(P.Way) The staff once declared medically de-categorised and posted in alternative category having below A-3 Aye Three) medical classification are not eligible to apply.

13. **Mandatory Promotional Courses Training:**

Candidates empanelled for promotion to the post of JE (P.Way) should pass promotional training course of JE(P.Way) which is mandatory before being promoted as JE(P.Way) as per extant rules.

14. **Last date for submission of application:**

The willing and eligible candidates have to submit their application in the prescribed proforma enclosed at Annexure-A to their controlling supervisor on or before 11.05.2026 who will forward the applications in one bunch to the Controlling Officer after scrutiny so as to reach on or before 18.05.2026. The controlling officer has to forward the same in one bunch to Sr. DPO/Kharagpur on or before 19.05.2026. If no applications are received within the stipulated time, the controlling officer needs to forward a "Nil figure certificate" to the Sr. DPO/Kharagpur.

The applications which are incomplete or received after the last date will be rejected without assigning any reason.

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15. **Other information:**

At any stage of selection, if any staff is found to be not eligible or not as per extant rules, his/her candidature will be cancelled thereof. Thus, mere calling or being eligible provisionally for the selection does not confer any right to them for such promotion. The administration also reserves the right to cancel the notification/notified vacancies at its discretion, if any discrepancies are found at any stage and such decision will be final and binding on all.

Wide publicity may please be given it amongst eligible categories of staff. A copy of this notification may also be displayed on the notice boards and Divisional/Unit websites.

Encl:

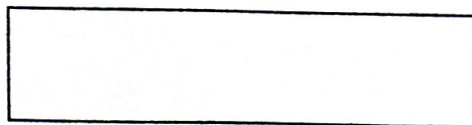
- i. Application Proforma (Annexure-A)
- ii. Syllabus (Annexure-B)


 सहायक कार्मिक अधिकारी
 Asstt. Personnel Officer
 कृते वारिष्ठ मंडल कार्मिक अधिकारी
 for Sr. Divisional Personnel Officer
 दक्षिण पूर्व रेलवे, खड़गपुर
 S.E.Railway/Kharagpur.

Copy to: ADEN/SRC, ADEN/SHM, ADEN/PKU, ADEN/TMZ, ADEN/WSP/KGP, ADEN/West/KGP, ADEN/JGM, & ADEN/South/KGP for kind information and necessary action please.
 Copy to: All SSE(P.Way) Units of KGP Division information and necessary action please.
 Copy to : Ch. OS/IT Cell under Sr. DPO/KGP for uploading the notification on www.ser.indianrailways.gov.in → Division → Kharagpur → Notifications.


 कृते वारिष्ठ मंडल कार्मिक अधिकारी
 for Sr. Divisional Personnel Officer
 दक्षिण पूर्व रेलवे, खड़गपुर
 S.E.Railway/Kharagpur.

**Proforma for selection for the post of JE(P.Way) in Level-6 of 7th CPC Pay Matrix against 20% LDCE in Civil
Engg. Department of Kharagpur Division Notified vide DRM(P)/KGPS's Notification No. SER/P-
KGP/EE/210/Selec/JE(P.Way)/20% (LDCE)/26 Dated: 21.04.2026.**



(Signature of the Applicant)

Recent passport
size photograph

1	Name (In Block letters)									
2	Designation & Station	Substantive:								
		Officiating:	From:		To:					
3	Pay Matrix Level (in 7 th CPC Pay Matrix)									
4	Employee No.				HRMS ID:					
5	Date of Birth (DD/MM/YYYY format)		D	D	M	M	Y	Y	Y	Y
6	Date of Initial Appointment and post:		D	D	M	M	Y	Y	Y	Y
7	Date of regularization (If any)		D	D	M	M	Y	Y	Y	Y
8	Date of Regular Promotion (Substantive) to the present post:		D	D	M	M	Y	Y	Y	Y
9	Educational & Technical Qualification as per entry made in Service Record (Attested copy of Certificates to be enclosed) :									
10	Caste/Community (Attested copy of Caste Certificate to be enclosed for SC/ST) :									
11	Medical category in which declared fit:									
12	Are you ever been declared medically de-categorized? (Mandatory to state Yes/No)									
13	Joined on request transfer on bottom seniority in this Division (Yes/No). If yes mention joining date and unit.									
14	Mobile No (Personal): Mandatory				CUG:					
15	E-Mail Id: (IN CAPITAL LETTERS) Mandatory									

I, the undersigned hereby declare that the particulars furnished above are correct and true to the best of my knowledge. I would be liable for punishment under D&A Rule if the aforesaid information is proved to be false and my candidature will be summarily rejected.

Date:

Station:

Signature of Applicant

(Instruction: Signature and date both are compulsory, otherwise application will be rejected.)

For use of the Controlling Supervisor of the employee)

It is certified that the particulars furnished by the employee are verified with the records available in this office and found to be correct. He/She fulfills the eligibility criteria as stipulated in the notification.

The application is forwarded to Controlling officer for further necessary action please.

Signature with stamp of Controlling Officer/Supervisor

Date:

Station:

Office Seal:

21/4/26

Approved uniform syllabus for selection through CCIT to the post of Junior Engineer, P. Way,
Level-6 against 20% LDCE in Civil Engineering Department over S. E. Railway

1. ORGANIZATION OF RAILWAYS, DUTIES OF P.WAY STAFF

- a) Overview of organisation of Railways
- b) Brief introduction to Track and its components particularly related with inspection.
- c) Duties of Keyman.
- d) Duties of Mate.
- e) Duties of PWS.
- f) Duties of JE/P.Way
- g) Duties of SSE/P.Way.

2. RAILS & JOINTS

- a) Rail. Evaluation of Weight and its relation to axle loads.
- b) Standard sections, grade, UTS & service life, classification, Rolling marks.
- c) Careful loading, unloading, stacking & handling of rails, special precautions for high UTS/HH rails
- d) Straightening of kinks by Jim crow
- e) Corrosion, Anticorrosion treatment
- f) Wear & its causes.
- g) Joints, Types, fish-plate, fish-bolts, anti-sabotage fish bolts, Combination fish-plates, Skimmed fish-plates, Chamfering of bot holes, expansion/contraction of rails, requirement and provision of gap at joints, gapless/ machined joints, Relation to rail temperature.
- h) Insulated, Expansion joints for bridges & long welded rails.
- i) General quantities for 1 Km of track.
- j) Fracture, codification, Restoration of traffic, how to report.
- k) Preservation and testing of fractured rails.
- l) Rails flaws/defects.
- m) Glued joints (in situ/ prefab), ordinary & one meter long insulated joints.
- n) Rail grinding

3. SLEEPERS & FASTENINGS

- a) Sleepers and functions, Types used in India, Obsolete, Current and future.
- b) Concrete sleepers, Twin block RCC, Mono-block pre-stressed, General aspects, Instructions for usability of different sleepers on different routes, main lines and long welded rails, Special sleepers for L-Xings, Turnout, SEJ, Bridges approach and sharp curves.
- c) Precaution for handling of PSC sleepers.
- d) PSC SLEEPERS: Density of sleepers on different routes.

- e) Fastening for PSC sleepers: Malleable cast iron inserts, Elastic Rail Clips, various types, toe load and its measurement, criteria for fastening renewal, Rubber pads, Liners, Anti sabotage arrangements for various sleepers, Creep anchors, method for fixing. Box anchoring.
- f) Sleepers at joints & their spacing for concrete sleeper track.

4. FORMATION & BALLAST

- a) Formation, Function
- b) Typical sections of track on banks and cuttings for single/double lines on all gauges.
- c) Drainage, Slope on top of formation, side and catch water drains.
- d) Bearing Capacity of soil in relation to cable duction.
- e) Causes for formation failure (Rehabilitation of weak formation).
- f) Ballast Functions & types.
- g) Ballast sections on different routes for straights and curves on single/ double lines on different gauges for fish plate track, SWR and LWR, sections for branch lines, Loop and sidings.
- h) Quantities for different sections.
- i) Specifications for track ballast.

5. BELIWAY TRACK & TRACK STRUCTURE-I

- a) Different gauges.
- b) Classification of Routes

6. TRACK STRUCTURES IN YARDS

- a) Track structure (yards) Simple layouts, loops, gathering neck, overrun line, shunting neck, hot axle/fuel. Stabling siding.

7. TURNOUTS-INTRODUCTION

- a) Turnouts, definition and description of components and terms.
- b) Standard types, Ordinary built-up and high manganese crossings straight switches, curved switches, thick web switches, Derailing switches, spring points, other crossing types.
- c) Permissible speeds, Restriction on use of 1 in 8 ^{1/2}T/out passenger running lines, symmetrical split.

8. TURNOUTS-ASSEMBLY & LAYING

- a) Method of assembling all turnouts, main dimensions and off sets of lead curve for setting out.
- b) Contrary and similar flexure turnouts: Definition, Calculations for lead & radius.
- c) Diamond crossings, scissors crossovers with single and double slips, Definitions and description of components and terms, Switch diamonds, advantage of raising inside check rail of obtuse

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9. LEVEL CROSSINGS

- a) Level crossings Classification, types
- b) Normal position of gates, locking arrangement.
- c) Equipments
- d) Features of track at and in approaches of level crossings, annual overhauling, maintenance of road surface and approach track, check rail-types, correct clearances, visibility.
- e) Requirement Checking of equipments and knowledge of rules of gatemen.
- f) Census at L-xing.
- g) Inspection of L-xing, Duties of gatekeeper, Hot-axle train parting.

10. BRIDGES & TRACK STRUCTURE ON BRIDGES

- a) Bridges: Classification, Types, Track Structures on girder bridges, ballasted decks, arch bridges, tunnels, provision of guard rails, re-railing ramps.
- b) Importance of maintaining correct gauge, Alignment and tight fastenings, Preparation, Renewal bridge tumber & Steel channel sleeper.
- c) Attention to approach track & strengthening, cleaning of waterway, checking guard rails.

11. WEDING OF RAILS

- a) Necessity of welding rail joints.
- b) SPW, Wider gap Welding, compressed air preheating, 3 piece mould AT welding technique.
- c) Precautions to be observed during AT weld for good quality.
- d) Tolerances for finished AT welds & FB welds.
- e) Brief idea about FB welds, Testing of welds, Mobile flash-butt welding.

12. RAIL FLAWS & TESTING

- a) Visuals examination (Keyman's)
- b) USFD Testing

13. MAINTENANCE

- a) Introduction
 - b) Object of good maintenance.
 - c) Service, maintenance tolerances and Approved methods, beater packing, Off-track machines and 'On track' machines.
 - d) Approved systems, Systematic Maintenance conventional through packing, directed track maintenance and 3-tier system of maintenance.
 - e) Pre-monsoon, during monsoon and post monsoon attention.
 - f) Record of Gang work, Gang chart/ diary, Keyman's diary, Mate's diary, Record of work of Artisans and other workmen.
 - g) Half yearly reports on conditions of permanent way, PWI's section Register, P.Way plans and diagrams.
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14. REGULAR MAINTENANCE OPERATIONS

- a) Regular works: Through packing
- b) Picking slacks
- c) Maintenance of concrete sleeper track
- d) Overhauling
- e) Deep screening
- f) Cleaning of drains and water ways.
- g) Lubrication of joints and lubrication of rails in straight and on curves, maintenance of rail

15. PROTECTION RESRICTIONS & INDICATIONS

- a) Hand signals in day and night, Hand flags, Hand lamps, Banner flags, Detonators & fussee, life of detonators, testing, fog signals/fuse
- b) Engineering, Indicators, Temporary and permanent.
- c) Works of short and long duration, Protection during emergency caution order.

16. PATROLLING

- a) Necessity of patrolling..
- b) Kinds of patrolling i.e. Keymen's daily patrol, Gang patrol, Monsoon security, Hot and cold weather patrolling, Watch at vulnerable points, Weather warnings, Single and double frequency
- c) Patrol Charts, Patrol books and equipments, Selection and duties of patrolmen.
- d) Night checks & inspections
- e) Felling/Cutting/ Pruning of trees obstructing view, very close to OHE

17. TROLLEY/LORRY/ DOLLY WORKING

- a) Distinction between Trolley, Lorry & Motor Trolley.
- b) Competency Certificate.
- c) Working of Push Trolley, Lorry & Motor Trolley, its equipment
- d) Protection, Working of rail dolly and its protection
- e) Trolley Refuges

18. CURVES

- a) Degree of curve, radium of curve
 - b) Super elevation/equilibrium cant, cant deficiency, cant excess
 - c) Transition length
 - d) Calculation of cant & permissible speed
 - e) Widening of gauge on curve
 - f) Extra clearance on curve, vertical curve, its need & grade.
 - g) Re-alignment of curve
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19. ON TRACK MACHINE

- a) Their purpose, output
- b) Different small track machine and their purpose/output

20. TRACK RENEWALS

- a) Casual renewal, Complete track renewals, Through rail renewals, Through Sleeper renewals, Through fitting renewal and Through ballast renewal.
- b) Criteria for unserviceability for casual renewals.
- c) Criteria for TRR, TSR.
- d) Methods of renewals, Preparation, Labour Organisation, Tools, Ballast.
- e) Careful handling of materials, Speed restrictions and post relaying attention.
- f) Picking of released materials, Classification & disposal, Relaying with PORS equipment, Record of relaying, Track relaying train, Relaying of turnout with T-28, New track laying standards, Handing over Taking over of new track.

21. ACCIDENT & DISASTER MANAGEMENT

- a) Duties of JE-II/ P.Way in disaster management.

22. RAJBHASHA

- a) Directives in use of Raj Bhasha in day-to-day working

By