



PB No. 273/2024

**दक्षिण रेलवे Southern Railway**  
**प्रधान मुख्य कार्मिक अधिकारी कार्यालय**  
**Office of the Principal Chief Personnel Officer**  
**प्रधान कार्यालय, कार्मिक विभाग, चेन्नै-600003**  
**Headquarters, Personnel Department, Chennai-600003**

सं/No: P(S)563/I/Works/Engg(LDCE)&PRQ

दिनांक/Dated:19.12.2024

All PHODs/ DRMs/ CWMs/ CEWE/ CAO/ CPM/ PDA/ Dy.CPOs/ Sr.DPOs/Secy to GM,  
Chairman/RRB/MAS,TVC, Addl.Registrar/RCT/MAS, Secretary/RRT/MAS,  
Principal MDZTI/TPJ, SRCETC/TBM, ZETTC/AVD,  
DPOs/SPOs/WPOs/APOs of HQ/Divisions /Workshops/Units.

**विषय/Sub: Syllabus for the post of Junior Engineer/Works in Level- 6 against 25% Promotional quota&15% LDCE Intermediate Apprentices Quota (IAQ) – Engineering Dept- reg.**

**संदर्भ/Ref.:1. Rly. Bd's letter No.E(NG)I/2022/PMI/36 dated-08.02.2024.**  
**2.This office letter No. P(Co-ord)CCBT/2024/dated 20-11-2024**  
**(PBC No.253/2024)**

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The Syllabus for the post of Junior Engineer/Works-Engineering Department in Level- 6 against 25% Promotional quota & 15%LDCE Intermediate Apprentices quota approved by PCE are enclosed for information, guidance and necessary action.

This has the approval of competent authority.

संलग्नक/Encl.02pages

**Digitally Signed by**  
**Anjanikumar C**  
**Date: 19-12-2024 14:46:47**  
**Reason: Approved**

**(C.ANJANI KUMAR)**  
**Asst. Personnel Officer / IR & Trg**  
**for Principal Chief Personnel Officer**

प्रतिलिपि/Copy to:

The General Secretary/SRMU  
The General Secretary/DREU  
The General Secretary/AISCTREA  
The General Secretary/AIOBCREA  
The General Secretary/NFIR

IT Section/PB/HQ - to upload in the SR website.

**PROPOSED SYLLABUS FOR THE WRITTEN TEST**

**FOR PROMOTION TO JE/WORKS AGAINST 25% (PRQ)**

1. Specification and quality control for items of works commonly in Building and Bridges works- Brick work, RCC, PSC, Plumbing work, White washing / Colour washing, painting etc.
2. Schedule of Rates- Scope & Coverage in general.
3. Inspection and maintenance of Building, Roads, Structures, Water Supply and Sanitary arrangements.
4. Leveling and setting out of works.
5. Earth works in Railway Projects.
6. Estimating quantities for building works.
7. Passenger Amenities at Categories of stations and minimum essential amenities.
8. Recording of measurements and processing contractor's bills for payment.
9. Zonal contracts & Work orders.
10. Schedule of Dimensions - Specifically with reference to clearance for structures in PF/Station and overall moving dimensions
11. Organizational set up of Zonal Railway & Divisions and functions of various Departments.
12. Types of staff/Officer's quarters and maintenance aspects of quarters & colony.
13. Water Supply Requirement, quality and treatment, storage and distribution.
14. General Knowledge-15 Marks.
15. Question in Official Language to the extent of 10 marks.

**PROPOSED SYLLABUS FOR THE WRITTEN TEST**

**FOR PROMOTION TO JE/WORKS AGAINST 15% IAQ (LDCE)**

1. Specification and quality control for items of works commonly used in Building and Bridge works-Brick work, Wood work, RCC, PSC, Plumbing work, White washing/Color washing, Painting etc.
2. Schedule of Rates-Scope & Coverage in general.
3. Inspection and maintenance of buildings, roads, structures, water supply and sanitary arrangements.
4. Leveling and setting out of works.
5. Earth work in Railway Projects.
6. Estimating quantities for building works.
7. Passenger Amenities at stations-categories of stations and minimum essential amenities.
8. Recoding of measurements and processing contractor's bills for payment.
9. Zonal contracts & work orders.
10. Schedule of Dimensions-specifically with reference to clearance for structures in PF/Stations, and overall moving dimensions.
11. Organizational set up of Zonal Railway & Divisions and functions of various departments.
12. Types of staff/officer's quarters and maintenance aspects of quarters & colony.
13. Water Supply-Requirement, quality and treatment, storage and distribution.
14. General knowledge-15 marks.
15. Question in official language-to the extent of 10 marks