



PBC No. 181/2025



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)608/II/Optg/Sec.Con (PRQ & LDCE)

दिनांक/Dated: 29.08.2025

All PHODs/ DRMs/ CTPM /PDA
Dy.COM/R & S/ Dy.CPOs/ Sr.DPOs/ Secy to GM,
Chairman/RRB/MAS, TVC, Addl.Registrar/RCT/MAS, Secretary/RRT/MAS,
Principal MDZTI/TPJ, ZTTC/GOC, ZETTC/AVD,
DPOs/SPOs/WPOs/APOs of HQ/Divisions.

विषय/Sub: Syllabus for selection to the post of Section controller in PML-6 (40% PRQ) and Chief Controller in PML-7 (50% LDCE).

Ref: 1) RBE No.60/2025 circulated as PBC No.135/2025 dt.03.07.2025
2) PBC No.31/2025 dt. 31.01.2025

Consequent to amendment of para 125 (1) & (2) of IREM Vol-I vide Ref.(1), the common syllabus for selection to the post of Section controller in PML-6 (40% PRQ) and Chief Controller in PML-7 (50% LDCE) as approved by PCOM is enclosed for information, guidance and necessary action.

This has the approval of the competent authority.

संलग्नक/Encl. 01 pages

(M. Syed Sirajuddin)
Asst. Personnel Officer/SMO
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.

File No.SR-HQ00L/1/2024-O/o Ch OS/Optg/Pers/HQ/SR
COMMON SYLLABUS FOR CBT FOR SECTION CONTROLLER IN PML-6 (40% PRQ) &
CHIEF CONTROLLERS IN PML-7 (50% LDCE)

1. Definitions of Chapter-I of GRS.
2. Various systems of working in force in SR.
3. Signals – types, functions, aspects of indications and shunting signals.
4. Route indicator – point, point track, shunting permitted indicator MSDAC, HASDAC, SSDAC.
5. Various standards of interlocking, CTC, RRI & EI and data logger.
6. Time-table - Public and Working time-table, standard time, running time
7. Maximum permissible speed, speed over the facing points.
8. Dis-connection and various types of signal maintenance – Cable meggering, IPS maintenance, joint inspection of points and crossings, integrity testing, auto section maintenance and EI maintenance, crank handle maintenance, LC gate maintenance.
9. Procedure to deal trains during S&T failures and disconnection of gears.
10. COA, FOIS and ICMS.
11. Marshalling Order of Trains, Staring of Trains, concept of crossing/precedence and order of precedence.
12. Punctuality and factors affecting punctually of Trains.
13. Marshalling yards – various components- congestion and measures to reduce congestion, major sidings & yards.
14. Freight Operations – Line capacity, throughput, BPC (Coaching & Freight Trains), various types of Coaching & Freight stock and ODC.
15. Operating Statistics.
16. Average speed of Goods trains factors affecting speed of Goods trains.
17. Working of trains- Shunting securing of stabled rakes and various ATP.
18. Total interruption of communication – Single line working on double line.
19. Station Working rules and NI working.
20. Procedure for imposing line blocks, power blocks and S&T disconnection.
21. Various machines used for track maintenance and its working on line.
22. Concept of Rolling Blocks.
23. Imposition and cancellation of Caution Order.
24. Various types of motive power.
25. Some basic concepts of train controlling and organizational set up of Control organizations.
26. Preferential traffic schedule.
27. Various latest innovations like FIBA, FDS, BPAC, HASDAC, MSDAC, WILD etc.

10% of the total marks prescribed for the written exam will be official language.