

**SYLLABUS FOR WRITTEN TEST FOR SELECTION OF SECTION CONTROLLER AGAINST
75% PRQ IN LEVEL-6 OF PAY MATRIX (GP-4200/-IN VI CPC)**

(Enclosure to Letter No T/P.608/III/Section Controller/PRQ.75%/2023 dated 01.02.2023)

1. Definitions in Chapter I of GRS
2. Various systems of working system in force on the Southern Railway.
3. Signals- kinds, functions- aspects, indication, advantage of colour light over semaphore signals- LQ, MAQ, shunting signals.
4. Route indicators- point, point lock, shunting permitted and trap indicators
5. Locking- various methods- standards of interlocking – RRI, CTC, Trackcircuits.
6. Standard time- Maximum permissible speed – Booked speed Running time-Speed over facing points- interlocking point of view.
7. Time tabling - Public and working time table.
8. Marshalling yards- various components- congestion and measures to ease congestion.
9. Operating statistics.
10. Marshalling yard of trains – end to end run concept.
11. Working of trains generally – shunting and security of vehicles – various authorities to proceed.
12. Accidents, Classification, kinds, causes, working of safety organization, duties of various categories of staff during an accident.
13. Line capacity.
14. Total interruption of communication- single line working on double line sections.
15. Some basic concepts of train controlling organization of Control Office.
16. Official Language Policy & Rules.