

**Written EXAM for selection to the post of Section Controller in
Pay Band Rs.9300-34800 with GP Rs.4200 against 75%PRQ**

Date-15.6.2012

Time-3 hrs (10.00—13.00)

Maximum marks-100

I. Expand the following.

[Answer any 10] Extra

(10x1=10 Marks)

- | | | | | |
|---------|----------|-----------|----------|---------|
| 1. GTRM | 2. ICMS | 3. MALS | 4. CMS | 5. WTR |
| 6. SSI | 7. WTT | 8. COPS | 9. SPART | 10. BPC |
| 11. ICD | 12. PFT | 13. CTC | 14. BPAC | 15. CSC |
| 16. BCM | 17. OLIC | 18. TOLIC | | |

II. Answer YES or NO.

(10x1=10 Marks)

1. Warner can be placed below a stop signal only.
2. Aspect means the appearance of a fixed signal as seen.
3. The life of a Detonator is five years.
4. Distant signal will be provided for gate stop signal also.
5. 'W' board will be provided at all level crossing gates.
6. Catch siding protects station section.
7. The main difference between STD I and STD II is isolation.
8. Running line must be governed by signal.
9. Critical block section rules the line capacity.
10. Standard time must be marked in red in TCR.
11. A and C class stations will have station section.
12. Block overlap will be reckoned from FSS.
13. Catch siding can be used for shunting purpose in emergency.
14. The speed over facing points on the main line STD I station. ☒ 50 kmph.
15. Light engine is normally treated as train.

III. Fill up the blanks.

(15x1=15 Marks)

1. LV board will be of _____ colour with LV letter in _____ colour.
2. Maximum permissible speed is fixed by _____.
3. During single line working on double line, the speed of first train is _____ KMPH.
4. Caution order will be issued if the night signal man does not turn up within _____ minutes.
5. The turn out time for M/V from single end siding is _____.
6. The speed of the train in neutral section shall not be less than _____ KMPH.
7. The time limit for starting BD spl during night is _____.
8. The wagon containing ISMD load shall be attached _____ of the train.
9. Slip siding protects _____.
10. All automatic stop signals will have _____ marker plate.
11. The goods warning board will be provided at not less than _____ metres from FSS.
12. The speed over facing points on the main line STD I station is _____.
13. When starter is defective _____ must be issued to Loco pilot.
14. The efficient substitute for signal overlap is _____.
15. A Motor trolley shall not normally work at _____.

(P.T.O)

Part B

(5X2=10 Marks)

IV. Define the following.

1. Block work
2. Interlocking
3. Maximum permissible speed
4. Non-interlocked working
5. Line capacity

V. Write short notes on any FIVE of the following (5x4=20 Marks)

1. Absolute Block system
2. Various kinds of signals
3. Standard 11 interlocking
4. Working Time table
5. Types of Accidents
6. DUTIES of Section controller during Accident
7. Time tabling of Passenger carrying trains.

VI. Write a brief note on any THREE of the following.

(3X8=24 Marks)

1. Total interruption of communication single line working on double line.
2. What are the duties of OPERATING DEPT during Accident?
3. Duties of Chief controller and Section controller.
4. Operating statistics
5. OLIC and TOLIC.
6. How to improve various operating indices in a Division? Describe.