

**WRITTEN EXAMINATION FOR SELECTION TO THE POST OF SECTION  
CONTROLLER IN PAY BAND Rs.9300-34800+GP Rs.4200 AGAINST 75% PRQ  
(Date-06.07.2013)**

**Time-03.00 Hrs (10.00 to 13.00)**

**Marks-100**

**NOTE**

1. Candidates should write their name, designation, office, roll number/staff number, etc., only in the space provided in the fly leaf and not in any of the page in the answer books or additional sheets.
2. Any names/roll number if found in the answer books or additional sheets, such papers will be disqualified.
3. In the answer to the objective type questions, no correction of any type is permitted. In case any correction is made, that answer shall not be evaluated at all for example, corrections made in the objective type questions like a) cutting b) Overwriting c) modify the answer in any way – will not be evaluated at all.

**Part-A**

**I. Expand the following.**

**ANY TWENTY.**

**(20x1=20 Marks)**

- |          |          |          |          |          |
|----------|----------|----------|----------|----------|
| 1. USFD  | 2. ICMS  | 3. MACLS | 4. TRT   | 5. WTR   |
| 6. SSI   | 7. TMS   | 8. CCRS  | 9. SPART | 10. BPC  |
| 11. RRI  | 12. PFT  | 13. TRT  | 14. BPAC | 15. CBC  |
| 16. BCM  | 17. GTKM | 18. CMS  | 19. TAG  | 20. RVNL |
| 21. OLIC |          |          |          |          |

**II. Answer YES or NO.**

**(10x1=10 Marks)**

1. W Board will be provided at all LC gates.
2. Suspension is a punishment.
3. Distant signal will be provided for gate stop signal also.
4. Catch siding protects station section.
5. The main difference between STD I and STD III is isolation.
6. Running line must be governed by signal.
7. Standard time must be marked in red ink in TSR.
8. A and C class stations will have station section.
9. Block overlap will be reckoned from FSS.
10. 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. The speed of shunting is \_\_\_\_\_.
3. Standard time is set at all station every day at \_\_\_\_\_.
4. Maximum permissible speed is fixed by \_\_\_\_\_.
5. During single line working on double line, the speed of first train is \_\_\_\_\_ KMPH.
6. If night patrol man does not turn up within \_\_\_\_\_ minutes, caution order will be issued for trains.
7. The turn out time for MRV from single exit siding is \_\_\_\_\_.
8. The speed of the train in neutral section shall not be less than \_\_\_\_\_ KMPH.
9. The time limit for starting BD spl during day is \_\_\_\_\_ minutes.
10. ISMD must be always attached \_\_\_\_\_.
11. All automatic stop signals will have \_\_\_\_\_ marker plate.
12. When starter is defective, \_\_\_\_\_ must be issued to loco pilot.
13. The efficient substitute for signal overlap is \_\_\_\_\_.
14. A Motor trolley shall not normally work at \_\_\_\_\_.
15. WTT will be issued \_\_\_\_\_.

**(P.T.O.....2)**

## Part B

## IV. Define the following.

1. Block forward.
2. Interlocking.
3. Booked speed.
4. Non Interlocked working.
5. Kinds of Accidents.

(5X2=10 Marks)

## V. Write short notes on any FIVE of the following.

1. Automatic Block system.
2. Advantages of color light signals over semaphore signals
3. Standard III interlocking
4. Public Time table
5. Various authorities to proceed.
6. DUTIES of Chief controller during Accident
7. OLIC AND TOLIC.

(5x4=20 Marks)

## VI. Write a brief note on any FIVE of the following.

1. Total interruption of communication-single line working on double line.
2. Concepts of train controlling organization of Control Office.
3. Duties of Chief controller and Section controller.
4. Operating statistics.
5. Official language policy. Various schemes for implementation.
6. How to improve various operating indices in a Division? Describe.
7. Route Indicators. Point, point lock, shunting permit and trap indicators.

(5X5=25 marks)

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