

Written EXAM for selection to the post of Shunting Master Gr II
Date-15.9.2012

Time-3 hrs (10.00—13.00)

Maximum marks-100

Note: Answer Part A in ENGLISH or TAMIL or MALAYALAM and Part B in English in neat and legible manner.

Part-A

I. Write an Essay on any TWO of the following. (2x10=20 Marks)

1. Control of Shunting.
2. Responsibility for Shunting.
3. Advantages of Air Brake over Vacuum Brake.
4. Kinds of signals.
5. OLIC and TOLIC.

II. Write short notes on any FIVE of the following. (5x6=30 Marks)

1. Classification of stations.
2. Caution order
3. Station working rules.
4. Various systems of working.
5. Brake power certificate.
6. Action to be taken in case of Alarm chain pulling.
7. Rules for clearing stabled stock from wayside stations.
8. Procedure for introduction of single line working on double/multiple line.

Part-B

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 patrol man does not turn up within----- minutes.
5. The turn out time for MRV from single exit 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 mainline 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)

IV. Answer YES or NO.**(15x1=15 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 III 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 ink in TSR.
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 mainline STD I station.
15. Light engine is normally treated as train.

V. Expand the following.**(20x1=20 Marks)**

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| 1. GTKM | 2. ICMS | 3. MACLS | 4. CMS | 5. WTR |
| 6. SSI | 7. WTT | 8. CRS | 9. SPART | 10. BPC |
| 11. ODC | 12. PFT | 13. CTC | 14. BPAC | 15. CBC |
| 16. BCM | 17. CSO | 18. LHAP | 19. ADRM | 20. CYM |
