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**Written Examination for selection to the post of Safety Counsellor (Traffic) in
Pay Band Rs. 9300-34800 + GP Rs. 5200
Date : 12.11.2011**

Time : 3 Hours (1000 – 1300)

Maximum Marks : 100

Note:

- (i) 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.
- (ii) Any names / roll number if found in the answer books or additional sheets, such papers will be disqualified.
- (iii) 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) modifying the answer in any way, will not be evaluated at all.

PART - A

I) Expand the following:

(10 x 1 = 10)

- | | | | | |
|---------|---------|----------|----------|------------|
| (a) IBP | (b) LSS | (c) ISMD | (d) ARME | (e) BTPGLN |
| (f) BVG | (g) IBS | (h) BTPN | (i) VG | (j) TSR |

II) Answer "Yes" or "No" to the following:

(10 x 1 = 10)

- 1) Aspect means the appearance of a fixed signal as seen by the Loco Pilot.
- 2) Warner can be placed below a stop signal only.
- 3) Distant signal will be provided for a gate stop signal also.
- 4) The distance between Starter and Advanced Starter in multiple aspects is not less than 120 metres on double line.
- 5) The Calling On Signal in colour light area will have "C" marker.
- 6) Repeating signal is for the guidance of Loco Pilots.
- 7) W - Board will be provided at all Level Crossing Gates.
- 8) Catch Siding protects station section.
- 9) The main difference between Standard-I and Standard-III Interlocking is isolation.
- 10) Running line must be governed by a signal.

III) Fill up the blanks:

(10 x 1 = 10)

- 1) The speed of chunting is _____.
- 2) Standard time is set at all stations every day at _____ hrs.
- 3) The Maximum Permissible Speed is fixed by _____.
- 4) During single line working on double line, the speed of the first train is _____ kmph.
- 5) _____ kmph caution order will be issued if night patrolman does not turn up within the allotted time.
- 6) The turning out time of MRV in single exit siding is _____ minutes.
- 7) The speed of the train over neutral section shall not be less than _____ kmph.
- 8) Caution Orders need not be issued for _____ speed restrictions.
- 9) The time limit for starting DD Special during day is _____ minutes.
- 10) The wagon containing ISMD load shall be attached _____.

IV) Choose the correct answer.

(5 x 1 = 5)

- 1) Slip siding protects -- (a) station limit ; (b) block section
- 2) For "B" Class ISMD loads permission must be granted by -- (a) CRS ; (b) CE
- 3) The distance between two automatic signals is normally -- (a) 1 km ; (b) 2 Kms
- 4) Motor trolley can follow another motor trolley during --
(a) day only ; (b) day and night clear weather
- 5) Goods Warning Board will be provided from FSS in BG at --
(a) 1400 metres ; (b) 1000 metres

V) Say "True" or "False".

(10 x 1 = 10)

- 1) Casual Labourers are governed by HOER.
- 2) Suspension is a punishment.
- 3) Inter-starter will be always protecting facing points.
- 4) Station Warning Board will be provided at all stations.
- 5) Passenger Warning Board will be lit during night.
- 6) Caution Order shall not be prepared in manuscript.
- 7) Track Maintenance Machine can work only during day time.
- 8) The staff of RPF are not governed by HOER.
- 9) The Minimum Wages Act is not applicable to casual labourers.
- 10) The weekly rest must not be spread over to two weeks.

PART - B

VI) Answer ANY TEN from the following (in not more than 50 words): (10 x 4 = 40)

- 1) Line Clear ✓
- 2) Running lines ✓
- 3) Shunting ✓
- 4) Station Limit
- 5) Kinds of signals
- 6) Kinds of fixed stop signals for departing trains ✓
- 7) Tail lamp ✓
- 8) Systems of working ✓
- 9) Mean of granting / obtaining line clear ✓
- 10) Train Signal Register ✓
- 11) Authority to Proceed ✓
- 12) Types of interlocking ✓
- 13) Threshold value ✓
- 14) Indicative Accidents ✓
- 15) Conditions for movement of ISMD Class "B" loads

PART - C

VII) Answer ANY THREE from the following (in not more than 100 words): (3x5=15)

- 1) Official Language Implementation Committee
- 2) Essentials of Absolute Block System
- 3) Conditions for granting line clear at "B" class stations.
- 4) Conditions for movement of ISMD class "B" loads.
- 5) HOER classification of rosters
- 6) ~~Divisional~~ Official Language Implementation Committee