

Written Examination for selection to the post of Safety Counsellor (Traffic)

Pay Band Rs. 9300-34800 + GP 4200

Date : 03.11.2012.

Time : 3 hours (10.00-13.00)

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 sheet shall not be evaluated at all. For example, corrections made in the objective questions like (a) cutting, (b) over writing, (c) modifying the answer in any way, will not be evaluated at all.

PART – A

(Maximum Marks = 30)

I Answer 'Yes' or 'No' to the following: (10x1 = 10)

- 1. The gatemen plant red banner flag parallel to the track on single line / double line in NILC gates.
- 2. Obeying of signals and rules in accordance with G&SWR / SWR during shunting operations.
- 3. While taking over of WDS3A for shunting purpose, the LP/Shunting has to ensure the working of brakes on the loco while performing shunting with / without coaches.
- 4. Identification of defect roller bearing on trains during train stopped at station / touch and feel by C&W staff.
- 5. Insulation of electrical wiring especially of joints ensured at all battery boxes in the coach and loose connection should be attended immediately.
- 6. A fool proof system needs to be evolved for conducting breath analyzer test during sign Off and ambush checks on running staff to prevent drunkenness on duty.
- 7. Surprise check should not be conducted for alertness of staff.
- 8. Observance of station working rules by opening and maintenance staff should be monitored closely to monitor correct observance of rules.
- 9. When stop signal of gate is kept at ON position, the LP of the train can proceed cautiously up to the gate and for gate position.
- 10. The LP should ensure air pressure continuity test must be done before shunting the train and brake feel test should be done in the first block section.

II Fill in the blanks: (10x1 = 10)

1. The station staff are classified in _____ category.
2. The GK's provided with quarters can work maximum of _____ hrs.
3. LP can claim rest after crossing _____ hours.
4. Caution order can be prepared _____.
5. Supervisors are eligible for _____ rest
6. The salary of staff should be paid within _____ days from the end of calendar month.
7. The casual labourers are entitled for medical treatment in _____.
8. _____ No. of track machines can be permitted in a block section at the maximum.
9. Disaster management board is provided in station for _____.
10. _____ is the distance of yellow mark / life line from the edge of the platform.

III Fill in the blanks: (10x1 = 10)

1. Provision of GR _____ with reference to setting of points against the blocked line in rear on double line and at either ends on single line section.
2. Speed restriction to be observed during shunting is _____.
3. During signalled movement the SM should secure the route by clamping and padlocking the points duly observing GR _____ & SR _____.
4. S&T Khalasi is _____ to open the relay room to attend failure.
5. Reception of train on calling on signal during failure of signal is vide GR _____ & _____.
6. Reception of train on calling on signal on an obstructed road is vide GR _____ & _____.
7. In case of starter failure, the SM should ensure that the provisions stipulated vide GR _____ are followed.
8. The road users who do not follow the safety rules at Unmanned level crossings are punishable for violation of Section _____ of Motor Vehicle Act and Section _____ of Railway Act.
9. Authority to proceed issued to trains are _____ and _____.
10. During non-signal movement the Station Master has to secure the route by clamping and padlocking the points as per GR _____ and SR _____.

3. NP chart is one of the items available at _____

PART - B

IV Write Short Notes on any EIGHT of the following : (8x5 = 40)
(minimum 5 points to be mentioned)

1. Write a short note on Prevention of accidents at unmanned level crossing gates.
2. Write a short note on shunting precautions.
3. Write a short note on Continuity test and break feel test.
4. Write a short note on strict adherence of rules during failures of points and signals and safe train operation.

- 5 What are the rules to be observed during starter failure?
- 6 What would be the cause for incident of Signal Passing At Danger?
- 7 What are the points to be checked to avoid fire on train?
- 8 What are the points to be borne in mind before checking prevention of indicating accidents?
- 9 Write short note on procedure to be following for issue of disconnection / reconnection memo?
- 10 Write about safety on manned / unmanned level crossing gates?

V

Answer any **THREE** of the following in detail: (3x10 = 30)

1. If you are the first officer who received the accident message, deliberate the action to be taken?
2. Essentials of Absolute Block System.
3. OLIC – Implementation in Railways.
4. What are all the rosters in force in a 'B' class station and describe them.
5. If a driver passed the Home signal at Danger, as a SM what are all the precautions to be ensured?

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