

AOM-70%

Date of written exam - 24/12/2013

Written Examination for supplementary selection of Group "B"
AOM/ATM against 70% quota in East Central Railway

Date 24.12.2013

Maximum Marks -150

Time allotted - 3 hrs

INSTRUCTIONS

(a)	Candidate is not to write his name, Roll number, Signature or mark etc anywhere inside the answer book & extra sheet(s), except on the sheet at the space provided, failing which the candidature will be cancelled.
(b)	Candidate should use ink/dot (Black/Blue). Use of multi colour pens/sketch pens may lead to cancellation of the candidature.
(c)	Please write answers either in English or Hindi.
(d)	Candidate is to ensure signature of invigilator/Officer-in-charge on the answer book and also on extra sheets, if any.
(e)	Candidates must submit the answer book only on completion to the invigilator.
(f)	In case any unfair means are adopted, the candidature will be forfeited.
(g)	All parts of a questions must be answered before attempting another question. Otherwise parts of a question interposed by answer of another question may not be evaluated.
(h)	No corrections of any type(i.e. Cutting, Over writing, Erasing, Scoring off a ticked answer in multiple choice and ticking another answer & modifying the answer in any way) the answers to objective type questions(i.e. Multiple choice questions, Answer in Yes or no, Fill in the blanks, match the followings & any other type of questions for which answer is to be given in one word), if any, is permissible. In case any correction is made, that answer shall not be evaluated at all.
(i)	Extra sheets should be taken after completion of main answer book only and should be attached to the last page of answer boo.

सहायक परिचालन प्रबंधक 70% कोटा का लिखित पूरक परीक्षा, पूर्व मध्य रेल, हाजीपुर

दिनांक : 24.12.2013

कुल अंक : 150

समय : तीन(03)घंटा

किन्हीं पाँच प्रश्नों का उत्तर दें ।

सभी प्रश्नों का मान बराबर है ।

संक्षिप्त टिप्पणी एवं विवेदन के प्रश्नों में उत्तर अधिकतम 50 शब्दों के होने चाहिए ।

क्र.सं.	प्रश्न	अंक
प्रश्न-1	समय-पालन क्या है ? समय-पालन को प्रभावित करने वाले कारकों की विवेचना करें । मंडल में समय-पालन में सुधार करने के लिए क्या कदम उठाए जाने चाहिए ।	30
प्रश्न-2	संक्षिप्त टिप्पणी लिखें :- (क) स्टेशन संचालन नियम (ख) स्वचालित ब्लॉक पद्धति एवं पूर्ण ब्लॉक पद्धति में अन्तर । (ग) प्रीमियम और सी.सी.रेक में अन्तर ।	10x3
प्रश्न-3	संक्षिप्त टिप्पणी लिखें :- (क) यातायात और अभियांत्रिक कार्य (ख) दोहरी लाईन अनुभाग पर एकहरी लाईन की कार्य प्रणाली (ग) सिगनल खराब हो जाने पर गाड़ियों के आवागमन एवं प्रस्थान की प्रक्रिया	10x3
प्रश्न-4	लाईन क्षमता एवं थ्रूपूट में अन्तर बताएं । गाड़ियों के बीच गतियों के अन्तर को कम करने से लाईन क्षमता को कैसे सुधारा जा सकता है ।	30
प्रश्न-5	निम्न का नाम बताएं । 1. (क) सदस्य यातायात, रेलवे बोर्ड (ख) महाप्रबंधक, पूर्व मध्य रेल 2. निम्नलिखित में से किन्हीं चार का अन्तर स्पष्ट करें । (क) अस्थायी गति अवरोधक एवं स्थायी गति अवरोधक (ख) फेसींग प्वाइंट एवं ट्रेलिंग प्वाइंट (ग) एक्सल कौन्टर एवं ट्रैक सर्किट (घ) कौंस ओवर 1 में 8½ और 1 में 12½	1 1 7x4
प्रश्न-6	किन्हीं पाँच पर संक्षिप्त टिप्पणी लिखें । (क) एन.टी.ई.एस. (ख) टी.एम.एस. (ग) सी.एम.एस. (घ) एच.ओ.ई.आर. (ङ) डाटा लॉगर (च) आपातकालीन मार्ग छोड़ने की चाबी (छ) एस.आई./4 एवं एस.आई./24 में अन्तर बताएं ।	6x5

6x5

- प्रश्न-7 किन्हीं पाँच पर संक्षिप्त टिप्पणी लिखें ।
- (क) अनुस्मारक स्टेशन
 - (ख) लॉन्ग हॉल परिचालन
 - (ग) समपार फाटकों को सड़क यातायात के लिए खोलना एवं सड़क यातायात के लिए बन्द करना ।
 - (घ) ओ.डी.सी.
 - (ङ) एन.टी.के.एम.

- प्रश्न-8
- (च) यात्री एवं माल चेतावनी बोर्ड
 - (क) भारतीय रेलवे पर त्रिस्तरीय संगठन की विवेचना करें ।
 - (ख) पायदान निरीक्षण क्या है ? पायदान निरीक्षण के दौरान की जाने वाली दस महत्वपूर्ण निरीक्षणों का उल्लेख करें ।

15x2

“या”
देश की उन्नति में राजभाषा के योगदान का वर्णन करें ।

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Maximum Marks -150

Time allotted - 3 hrs

- Answer any five question:
- All question carry equal marks
- Short notes and differentiation should not be more than 50 words each.

<u>S.No.</u>	<u>Questions</u>	<u>Marks</u>
1.	What is Punctuality? Discuss the factors which affects punctuality. What steps should be taken to improve punctuality in a division?	30
2.	Write short notes:- (a) SWR (b) Difference between Automatic and Absolute Block System. (c) Difference between Premium & CC Rakes.	10x3
3.	Write short notes on (a) Difference between Traffic Make Up & Engg. Allowance. (b) Single line working on Double line section. (c) Procedure for Reception & Despatch of trains during failures of signals.	10x3
4.	Difference between Line capacity & Throughput. How minimizing speed difference between trains can increase line capacity?	30
5.	(a) Name the followings :- (i) Member Traffic/Rly Board. (ii) GM/ECR (b) Differentiate between any four of the followings:- (i) TSR & PSR (ii) Facing points & Trailing points	1 1 7 7

- (iii) Axle counter & Track circuit.
(iv) 1 in $8\frac{1}{2}$ & 1 in $12\frac{1}{2}$ Cross overs
(v) Single Distant & Double Distant signal.

7
7
7

6x5

6. Write short notes on any five :

- (i) NTES
(ii) TMS
(iii) CMS
(iv) HOER
(v) Data Logger
(vi) Emergency Route Release Key.
(vii) Difference between SI/4 & SI/24

6x5

7. Write short notes on any five:

- (i) Reminder station.
(ii) Long haul Operation
(iii) Open to Road Traffic and Close to Road Traffic Level
Xing Gates.
(iv) ODC
(v) NTKM
(vi) Passenger & Goods warning boards.

15x2

8. (a) Discuss 3 tier organization of Indian Railway
(b) What is Foot Plate Inspection? Write ten important items which should be observed during Foot Plate Inspection.

Or

देश की उन्नति में राजभाषा के योगदान का वर्णन करें।
