

**SELECTION FOR THE POST OF ACMT (GROUP-B) IN LEVEL 8 OF VII
PC PAY MATRIX (PB-2 RS 9300-34800+ 4800 GP OF VI PC SCALES)**

Dated: 28th August 2017

Max marks: 150

Note :

- Section A is optional. In section B question No. 1 to 6 are essential if Section A has not been attempted. In case candidate attempts section A then he may attempt any 5 of question No 1 to 6. Candidates may attempt any one question from question no 7 and 8.
- From section C attempt any 5 out of six questions.
- In case of any difference in Hindi and English version, the English version will hold good.

Section- A

Question No 1. (15 Marks)

What was the purpose of enacting official language act – 1963?
Name any 10 languages which are included in the eighth schedule of constitution.

When it can be certified that an employee has working knowledge of Hindi?

Section - B

Question No. 1 (15 marks)

Describe in detail the procedure for testing various types of axles used in ICF.

Question No. 2 (15 marks)

Recently higher failure rate has been observed for springs manufactured in ICF. What are the underlying reasons? Suggest preventive steps. Describe various Destructive and non-destructive tests carried out during spring manufacture.

Question No. 3. (15 Marks)

Describe painting process of LHB coaches in detail. Suggest ways to improve quality of painting in coaches manufactured at LHB. What needs to be done to obtain automobile class of painting in Railway coaches?

Question No. 4 (15 marks)

Describe CO₂, TIG, MIG, Laser and spot welding processes. What are the common defects found in welding? Suggest ways to improve welding quality in ICF.

Question no. 5 (15 marks)

What is NABL Certification? What is required to obtain it?
Which are the testing equipment/machines which in your opinion should be available in ICF laboratory and which currently are not available?

Question no 6. (15 marks)

What are the various non-metallic furnishing materials in use in ICF (seats, panels floor material). How do you test toxicity and fire retardency of furnishing material?

How can you check the quality of rubber used in secondary suspension pad of Fiat bogie?

Question no 7 (10 marks)

Name various heat treatment processes.
What's the difference between Normalising and tempering?
When case carburising needed?

Question no 8. (10 marks)

Name various Destructive and non-destructive tests in vogue in ICF.
Describe important equipment available in ICF laboratory.

Section - C

Question 1 (10 marks)

List various types of leaves available to a Railway man.
Under what circumstances "leave not due is granted."

Question. 2 (10 marks)

List various major and minor penalties under disciplinary and appeal rules of Railway that can be awarded to a Railway employee.

Under what circumstances an employee can be removed without holding an inquiry and what's the procedure for doing that?.

Question no. 3 (10 marks)

List various types of tenders used in Railways for procurement.
Under what circumstances procurement through single tender should be done?
Why RITES is preferred by Railways for inspection of Railway material?

Question no. 4 (10 marks)

List various stages of budget preparation and review in Railways.
In your opinion what's the logic behind merging Railway budget with General Budget?

Question no 5. (10 marks)

What's the difference between capital and revenue expenditure?
What are demand heads, plan heads and primary units of expenditure?

Question no 6 (10 marks)

Recently ERP has been implemented in ICF. What advantages it has given to ICF?