

**INTEGRAL COACH FACTORY, CHENNAI-38.**

**SELECTION TO THE POST OF AME (Gr-B)**  
**IN PB-2 Rs. 9300-34800+4800 GP THROUGH LDCE SELECTION**

**PAPER-II**

Date: 22.08.2015

Maximum Marks: 150

**Note:**

- i) Time allowed in Three hours plus 10 minutes for going through the question paper.
- ii) Attempt any five questions from Part-A. All questions in Part-A carry 10 marks each.
- iii) Attempt any five questions from Part-B. All questions in Part-B carry 20 marks each.

**PART-A**

- Question: 1
- a) Name various types of leaves available to a Railway servant?
  - b) Name any Five Penalties that can be imposed under Minor Penalty Memorandum under D&A Rules?
  - c) Name any Five retirement benefits available to a Railway Servant.
  - d) What are the different types of Travelling Passes on Railway for employees?
  - a) What are the major constituents of employees' salary in ICF?

Question: 2 Write Short Notes on -

- a) PNM; JCM ; PREM
- b) Payment of Wages Act
- c) Workmen's Compensation Act
- d) Hours of Employment Regulation
- e) Contract Labour Act

- Question: 3
- a) What are various demands for Grants?
  - b) What are primary units of expenditure? Describe any two Primary Units?
  - b) What are various Plan heads under Demand -16? What is the difference between PH-42 and PH-41.
  - d) What measures do you recommend for Cost Control in ICF?
  - e) Suggest measures to improve productivity of manpower in ICF?

Question: 4 a) Write Short Notes on Energy Conservation Methods in ICF.  
b) D & AR  
c) Staff Welfare measures in ICF  
d) Various Training courses conducted in TTC/ICF.

Question: 5 a) What are the various funds available for meeting Capital Expenditure on Indian Railways?  
b) What is the difference in the items included in PINK Book; and LAW Book.  
c) What is the difference between Work Study and Time & Motion Study?  
d) Describe the duties of PE/PL and PE/PR.

Question: 6 What the advantage of Air springs compared to Helical Coil Springs? Which types of coaches manufactured by ICF are presently fitted with Air Springs and what are the future Plans for application of Air Springs?

### **PART-B**

Question: 7 a) Describe Incentive System prevalent in ICF.  
b) Measures taken in ICF to improve Industrial Safety.

Question: 8 a) Describe important machines in Wheel Shop of ICF.  
b) What is the difference between bogies and wheels of ICF and LHB Coaches.

Question: 9 a) Describe important machines commissioned in newly set-up LHB shop of ICF.  
b) Describe different types of welding processes used in ICF and their relative advantages and disadvantages.

Question: 10 a) Describe important works programmes recently included and executed appearing in PINK Book for improving and augmenting production infrastructure in ICF.  
b) What are the important improvements recently brought about in conventional and LHB types coaches in ICF for superior passenger satisfaction.

: 3 :

Question: 11 a) Describe various types of self-propelled Rolling Stock included in the Production Programme for 2015-16?  
b) Advantages of LHB coaches over Conventional ICF coaches.

Question: 12 Write Short Notes on any Four:

- a) Paint Booth
- b) Polyurethane Paint
- c) Various types of Steels used for manufacture of Underframes; Sidewall and Roof of LHB coaches.
- d) Different types of wall paneling are used in coaches manufactured in ICF.
- e) Mechanical handling equipment in ICF.