

Gr 'D' to 'C' CC-II, QSE

Answer all the questions in part A and B. Total Duration : 180 Minutes.  
The marks to all the Questions are indicated against each of them.  
Use of calculators and cell phones are not permitted in examination hall.

**Part - A**

1. Form a sentence on your own using the following words. 10 Marks

a. Perusal      b. Discuss      c. Attend      d. Reply      e. Delay.

2. Please reproduce the following passage exactly in the answer booklet. 10 Marks

“Appointing authority” in relation to a railway servant means –

- i. the authority empowered to make appointments to the service of which the railway servant is, for the time being, a member or to the grade of the service in which the railway servant is, for the time being, included, or
- ii. the railway authority empowered to make appointments to the post which the railway servant, for the time being holds, or
- iii. the authority which appointed the railway servant to such service, grade or post, as the case may be, or
- iv. Where the railway servant having been a permanent member of any other service or having substantively held any other permanent post, has been in continuous employment under the ministry of railways, the authority which appointed him to that service or to any grade in that service or to that post:

Whichever authority is the highest authority.

3. Read the following passage & answer the following questions. 10 Marks

ICF in Chennai, a production unit of Indian Railways, was established with the collaboration of M/s. Swiss Car & Elevator Manufacturing Corporation Ltd., Schlieren-Zurich, Switzerland, on 02.10.1953. With the decision of the Ministry of Railways to locate the ICF at Perambur, a team of engineer under the able leadership of Mr.M.Ganapathi, took the field in May 1951 for site investigation and proper design & drawing. Shri. O.S. Murthy, RSE was the first engineer in charge of the ICF, PER. The establishment of this factory was a commitment under the first Five Year Plan. The project works for the Shell Division was launched by the then Railway Minister Shri Lal Bahadur Shastri. The factory was built and equipped within a record period of 3 years starting from September 1952. The first Kirloskar 8½” Centre Lathe was installed by the then Railway Minister Shri Lal Bahadur Shastri in Machine Shop on 20.01.1955.

1. When was ICF established?
2. Who was the first Engineer in charge of the ICF?
3. Who did the site investigation?
4. When was the first machine installed in ICF?
5. Who installed the first machine in machine shop?
6. Under which five year plan the factory was built?
7. How many years it took to complete the project?
8. From which country the collaboration was taken?
9. Who decided to locate the factory at Chennai?
10. What is the name of the first machine installed in ICF?

**Part B**

**4. Fill up the Blanks.**

**10 Marks**

- a. The Names of the two Ministers of State for Railways are ----- and -----
- b. Railway Board is headed by -----
- c. Indian Railway is classified in to ----- Zones.
- d. The Production unit of IR located in Chennai is -----

**5. Answer all the questions.**

**10 Marks**

**a. In the list of given organizations which is not a Production unit.**

- A. C.L.W    B. D.L.W    C. I.C.F    D. R.C.F    E. R.D.S.O.

**b. Find the odd man out.**

- A. IRCON    B. RITES    C. CRIS    D. KRC    E. RSC

**c. The head quarters of SWR**

- A. Bangalore    B. Hubli    C. Mysore    D. Bilaspur    E. Jabalpur

**d. Find the odd man out.**

- A. ICF    B. BEML    C. RCF    D. BHEL

**e. Which is not coming under SR**

- A. Chennai    B. Madurai    C. Trichy    D. Palghat    E. Bangalore.

**6. What is the significance of the following dates?**

**10 Marks**

- a. 16 th April 1853
- b. 2 nd October 1955
- c. 15 th August 1947
- d. 26 th January 1950
- e. 2 nd October 1869

7. Given below are the names of the senior officers of ICF. Identify their designation and in the answer sheet write their name and designation.

5 Marks

1. Dr. S. Ram Mohan
2. B. P. Singh
3. R. Sriraman
4. S. Natarajan
5. Dr. Raja Goundan

8. The Following is the production statistics of ICF. Read them carefully and answer the following questions.

15 Marks

|    |           |              |
|----|-----------|--------------|
| a. | 2005 - 06 | 1175 Coaches |
| b. | 2004 - 05 | 1119 Coaches |
| c. | 2003 - 04 | 1070 Coaches |
| d. | 2002 - 03 | 944 Coaches  |
| f. | 2001 - 02 | 1025 Coaches |
| h. | 2000 - 01 | 1000 Coaches |
| i. | 1999 - 00 | 1006 Coaches |
| j. | 1998 - 99 | 1057 Coaches |
| k. | 1997 - 98 | 1010 Coaches |
| l. | 1996 - 97 | 1011 Coaches |

- A. In which year the production was Maximum.?
- B. In which year the production was Minimum.?
- C. In How many years the production was more than 1000 Coaches.?
- D. In How many years the production was less than 1000 Coaches.?
- E. What is the average production of ICF in the given 10 years.?

9. The cost of some of the Coaches manufactured by ICF is given below.

20 Marks

|    |        |     |             |
|----|--------|-----|-------------|
| a. | AC SCN | RS. | 1,06,62,000 |
| b. | SCN    | RS  | 45,31,000   |
| c. | GS     | RS  | 39,60,000   |
| d. | SLR    | RS  | 38,00,000   |
| e. | WCB    | RS  | 59,22,000   |

What is the total cost of manufacturing a formation consisting of the following coaches to be supplied to S.R.?

9 SCN, 4 GS, 1 WCB, 2 SLR & 2 AC SCN.