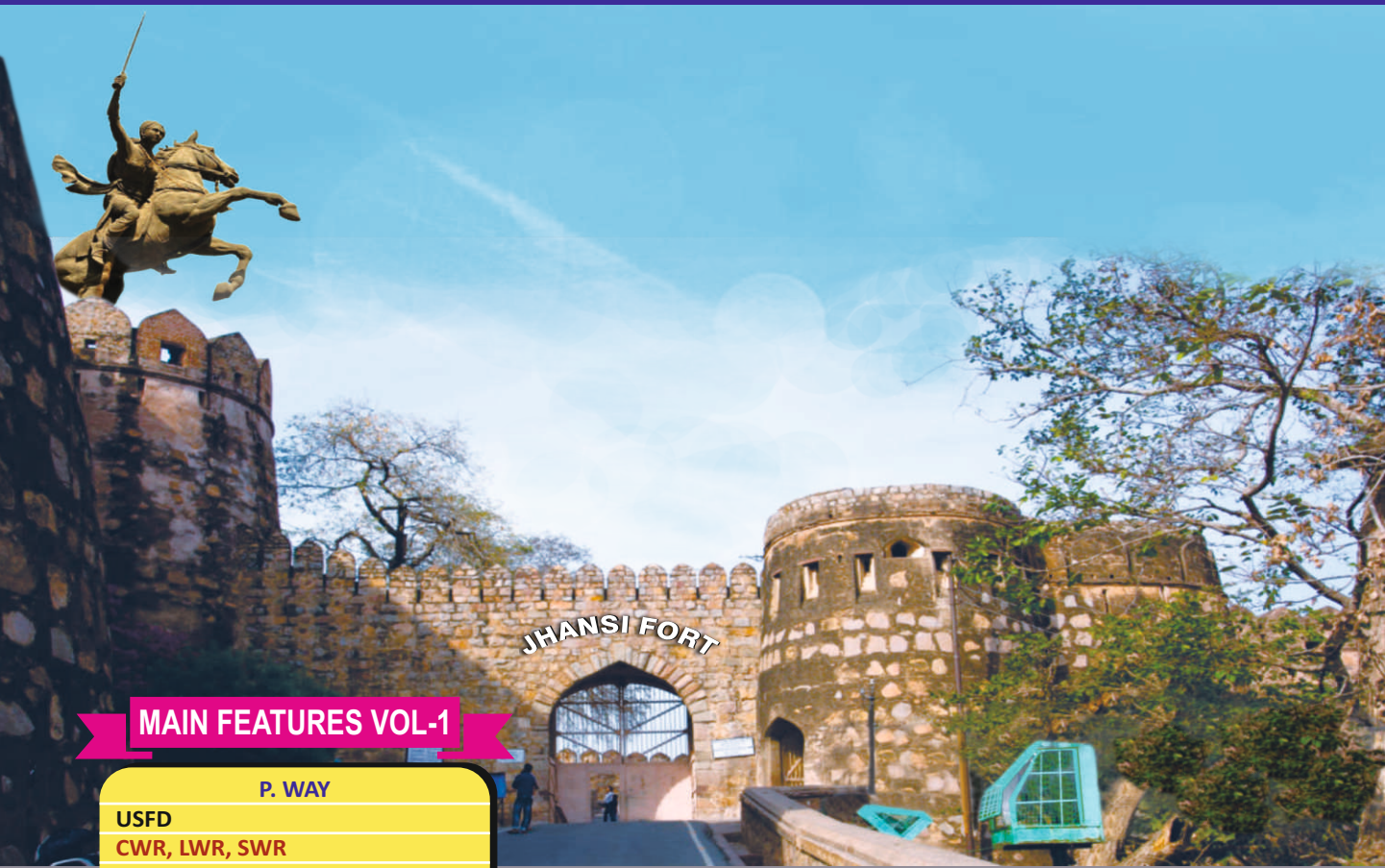




MAIN FEATURES VOL-1

P. WAY

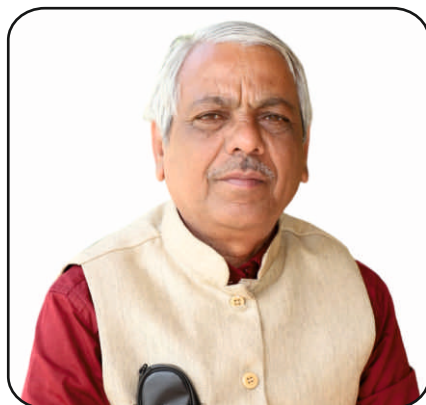
USFD
CWR, LWR, SWR
Curves
Points & Crossings
Manual Maintenance
Mechanised Maintenance
Track Machine
Level crossings
Accidents

BRIDGES & TUNNELS

Bridges & Tunnels

WORKS

Maintenance of Buildings
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Water Supply
Drainage & Sewerage
Garden & Plantations
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Building Material
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Police Jurisdiction
Schedule of Dimensions



Er SURESH K SHEVRA

Author

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2024



How To Become A Railway Officer

VOL-2



**SHEVRA
2024**

VOLUME-2

How To Become A Railway Officer

For Railway Departmental Examination (LDCE 30%/LGS 70%)
(ACM, AEE, AEN, AFA, AME, AMM, AOM, APO, ASTE)

OBJECTIVE / MULTIPLE CHOICE QUESTIONS WITH ANSWERS

Based on Latest Guidelines of Railway Board

MAIN FEATURES

ESTABLISHMENT

General conditions of service
Recruitment and training
Leave rules, Pass rules
D & Appeal Rules, 1968
Retirement Benefits
Industrial relations
Staff Welfare
Labor laws
Scope of IT

FINANCE

Financial overview
Budget
Rules of allocation
Works Programme
Control over Stores Expenditure
Workshop accounts
Tenders and Contracts
Audit and Draft paras
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Information Technology

RAJBHASHA

STORES

GENERAL KNOWLEDGE
MODEL PAPERS



2024

Er SURESH K SHEVRA



Blue Circle Publication India



:- AUTHOR :-

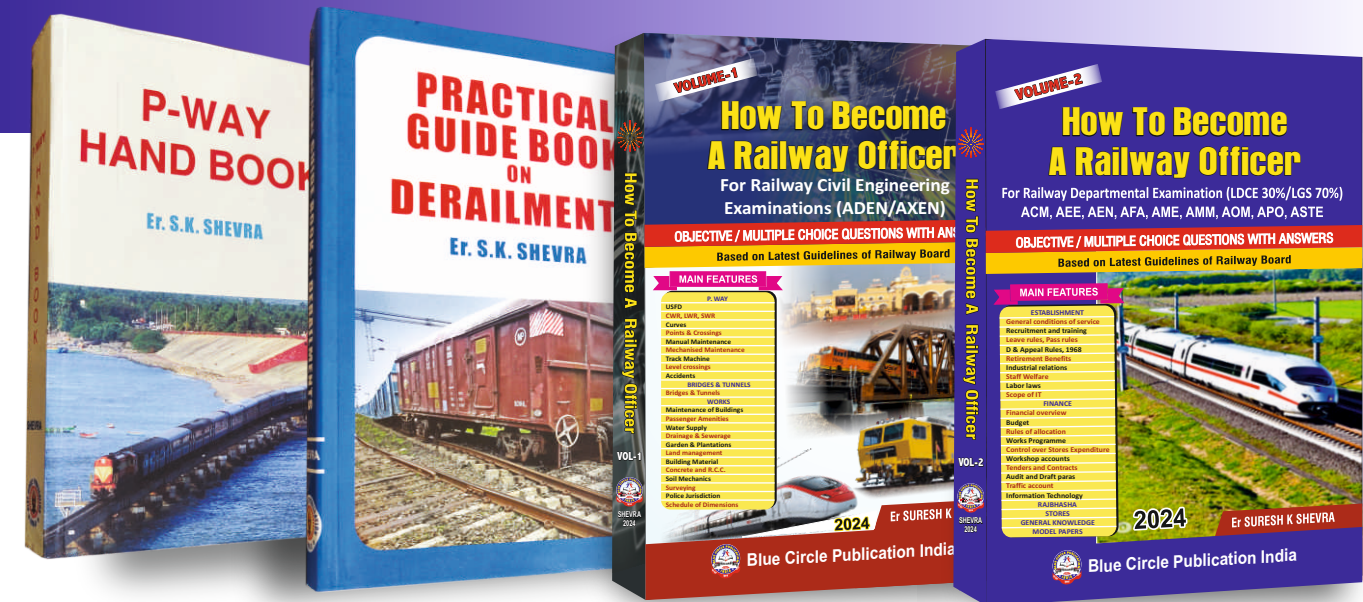
Er. Suresh Kumar Shevra
Mrs. Shyama Devi Shevra

Highlights

- Recommended by top Railway officials of India.
- The explanation provided are errorless and well explained.
- There is no book in the market that provides LDCE / Regular Exam MCQ at such economic price.
- This is just ready reference book every serious aspirant must keep at his desk.
- This book will help as a proper guidance and nurturing even an average self motivated reader can clear this difficult obstacle.
- An out standing book as compare to any other publications in India.
- Strictly according to latest exam pattern.
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Er. Suresh K Shevra
Author

Blue Circle Publication Shevra's Book Series at a glance



Practical Guide Book

The Chapters Covering in

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- CHAPTER 1**
General Analysis Of Accident And Derailment
- CHAPTER 2**
Track Investigation
- CHAPTER 3**
Description And Defects Of Rolling Stock
- CHAPTER 4**
Description And Features Of Locomotives
- CHAPTER 5**
Description Of Traffic Features
- CHAPTER 6**
Description Of S & T Features

अल्ट्रासोनिक फ्ला डिटेक्टर (रेल टेस्टर)



सुरेशकुमार शेवरा
रेल पथ निरीक्षक, मध्य रेल, झांसी
1985
तकनीकी मौलिक लेखन पुरस्कार
योजना के अन्तर्गत पुरस्कृत



P-WAY HAND BOOK

- | | |
|------------|--------------------------------|
| Chapter 1 | : Introduction |
| Chapter 2 | : Rails |
| Chapter 3 | : Sleeper |
| Chapter 4 | : Ballast |
| Chapter 5 | : Fastening |
| Chapter 6 | : Point & Crossing |
| Chapter 7 | : Curve |
| Chapter 8 | : Level Crossing |
| Chapter 9 | : Swr |
| Chapter 10 | : LWR |
| Chapter 11 | : Manual Maintenance |
| Chapter 12 | : Mech. Maintenance |
| Chapter 13 | : Protection of Track |
| Chapter 14 | : Track Monitoring |
| Chapter 15 | : Track Tolerances |
| Chapter 16 | : Track Renewal |
| Chapter 17 | : Small Track Machine |
| Chapter 18 | : Patrolling of Railway Track |
| Chapter 19 | : USFD |
| Chapter 20 | : Rail Weld Failure |
| Chapter 21 | : Welding |
| Chapter 22 | : Accidents |
| Chapter 23 | : Bridge |
| Chapter 24 | : Establishment |
| Chapter 25 | : Finance |
| Chapter 26 | : G & S R |
| Chapter 27 | : Works |
| Chapter 28 | : Store |
| Chapter 29 | : P Way S & T and Works Tables |
| Chapter 30 | : Pipeline Track Crossing |

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FOR RAILWAY DEPARTMENT EXAMINATIONS (LDCE / LGS)
ACM, AEE, AEN, AFA, AME, AMM, AOM, APO, ASTE & JE
OBJECTIVE / MULTIPLE CHOICE QUESTIONS WITH ANSWERS

Er. SURESH K SHEVRA
FORMER EXECUTIVE ENGINEER
CENTRAL RAILWAY

VOLUME-2



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2024

SHEVRA

A SOLUTION OF HIGHER ENGINEERING VERSION FOR RAILWAY ACADEMY



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First Reprint Edition 2022

Second Edition 2022

Second Reprint Edition 2022

Third Edition Nov 2023

Fourth Edition Nov 2024 (VOL-2)

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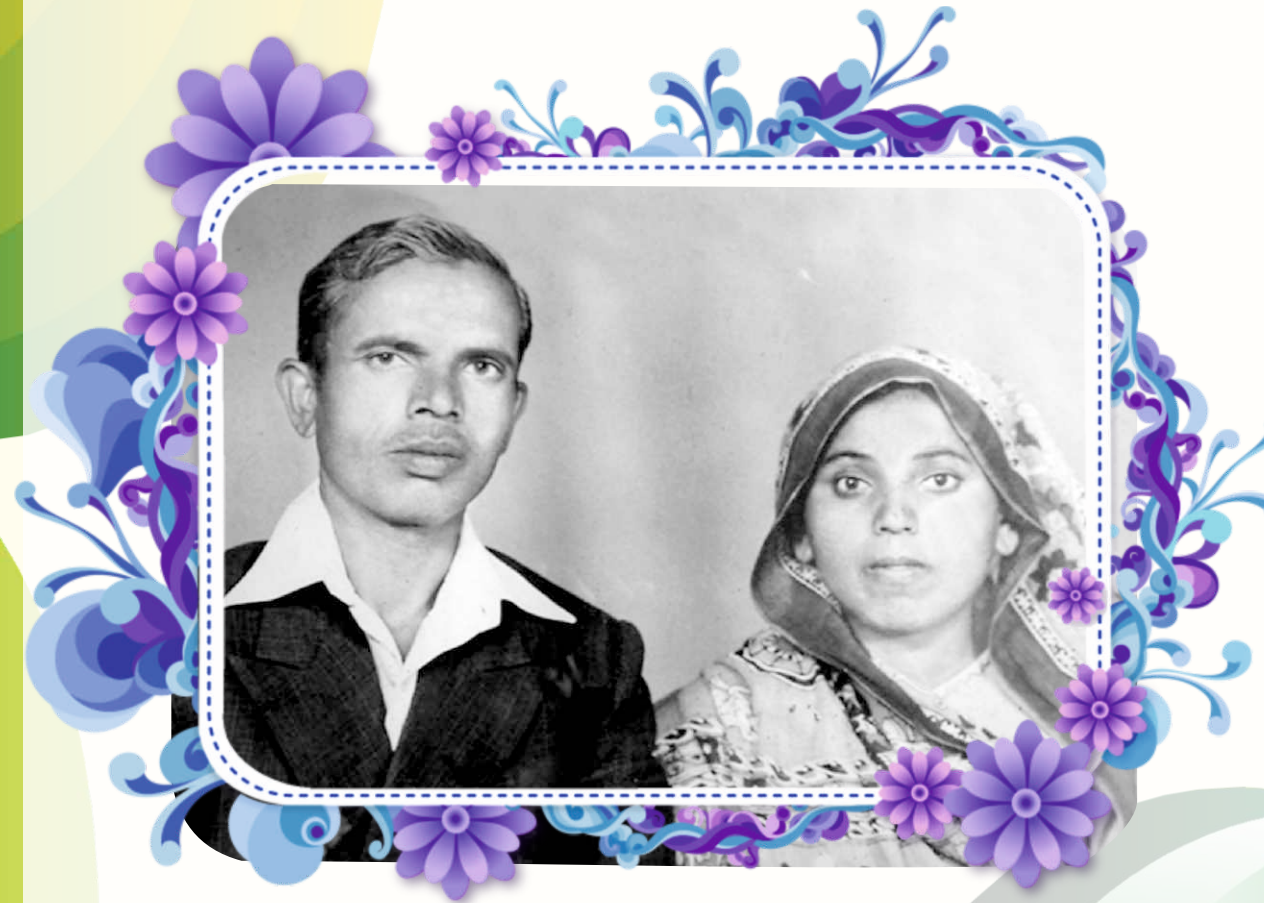
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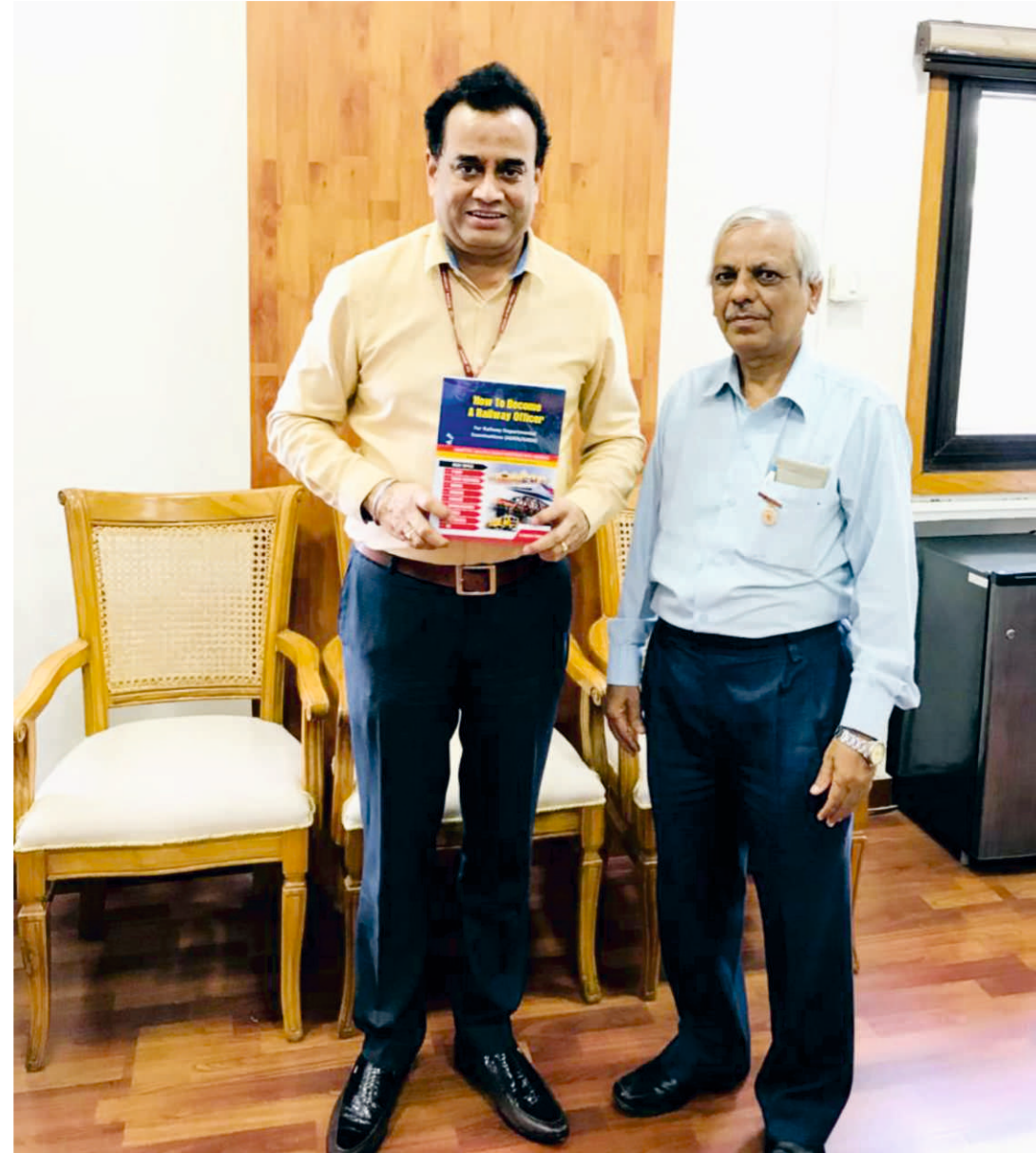
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ISBN : ISBN : 978-93-5777-018-7



**TO
SMT BENI BAI & SHRI CHHAKKI LAL SHEVRA
MOTHER & FATHER
WITH
LOVE & RESPECT**



Hon'ble Shri Rajesh Argal Additional Member, Infrastructure Railway Board New Delhi (Left Side) along with the author Shri Suresh Kumar Shevra former Executive Engineer Central Railway (Right Side), inaugurating the How to Become Railway Officer Objective Book, at Rail Bhawan New Delhi on 20-07-2021



राम करण यादव
महानिदेशक
Rama Karan Yadav
Director General



सत्यमेव जयते



भारत सरकार, रेल मंत्रालय
भारतीय रेल सिविल इंजीनियरी संस्थान,
पुणे-411001
Government of India, Ministry of Railways
Indian Railways Institute of Civil Engineering,
PUNE 411 001

Foreword

I am pleased to note that **Er. SURESH. K. SHEVRA** retired Executive Engineer Central Railway is publishing 4th edition of "**HOWTO BECOME A RAILWAY OFFICER**", now in 2 volumes by expanded number of questions within 3 years.

Contents of the Volume-I have been divided into 3 Part i.e. P-Way, Bridge & Tunnel and Works and that of Volume-II in 5 parts i.e. Establishment, Finance, Stores, General Knowledge & Rajbhasha. In this edition Author stressed on thorough knowledge of each subject through Multiple Choice Objective questions with answers incorporated with latest correction slips of different Manuals and according to the latest instruction issued regarding CBT Exam for AEN by NAIR Vadodara and Railway Board. Volume-II is specially designed for other than technical subject which will be beneficial to other departments i.e. AEN, AME, ASTE, APO, ACM, AOM, AFA, AEE and AMM also.

The Author **Shri S.K. Shevra** Retired **Executive Engineer Central Railway** has over 30 years long rich experience of Civil Engineering fields in different capacities.

I wish to congratulate the author all success for his work.

(R.K. Yadav)

Palace: Pune

Date: 3-10-2023

Director General IRICEN Pune MH

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भारतीय रेल यांत्रिक एवं विद्युत अभियंत्रण संस्थान
Indian Railways Institute of Mechanical & Electrical Engineering
(AN ISO 9001:2015, ISO 14001:2015, ISO 50001:2011 CERTIFIED INSTITUTE)



पी. रवि कुमार
P. Ravi Kumar
अपर महानिदेशक
Addl. Director General

FOREWORD

It is great pleasure that “**HOW TO BECOME A RAILWAY OFFICER**”, 4th edition in 2 volumes have been published by Blue Circle Publication for the benefits of those aspirants preparing for the 70% & 30% Computer Based objective type Tests (CBT) conducted by Railway Board.

VOLUME-I- consist of Professional Subject for Civil engineering which is further divided into three parts 1. P-Way (17 chapters), 2. Bridges & Tunnels, 3. Work (18 chapters).

Similarly, VOLUMES-II consists of other than Professional Subject divided into 5 parts 1. Establishment, 2. Finance, 3. Stores, 4. Raj bhasha, 5. GK & Computer and especially useful for all departments i.e., ACM, AEE, AEN, AFA, AME, AMM, AOM, APO, ASTE.

I congratulate the Author Suresh K. Shevra and wish him all success with his work.

Palace: Jamalpur
Date: 31-10-2023

(P. Ravi Kumar)
Additional Director General
IRIMEE, Jamalpur

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मुंबई-400001

Principal Chief Engineer's Office,
Chhatrapati Shivaji Maharaj Terminus,
MUMBAI-400001



FOREWORD

The book “**HOW TO BECOME A RAILWAY OFFICER Volume - I & II**” written by Shri Suresh K. Shevra former Executive Engineer Central Railway are a unique book in which it has been focused on syllabus issued by Railway Board for aspirant of, AEN, AME, ASTE, APO, ACM, AOM, AFA, AEE and AMM, Railway group B services. All the aspirant will be benefited those appearing centralized computer based objective type MCQ examination for 70% and 30% LDCEs for promotion to group ‘B’ post conducted by NAIR Vadodara.

The language has been kept simple, making the book extremely readable specific to all stream of Indian Railways.

Being a quite a comprehensive book, I have full confidence this edition will continue to be a valuable as a guide for CBT Exam as well as useful as a reference in day-to-day work in the field.

I compliment author Shri Suresh K Shevra former Executive Engineer Central Railway for his excellence work and hope for his success.

CST Mumbai CR
03-10-2023

(RAJESH ARORA)
Principal Chief Engineer, Central Railway

हीरी बल्लभ
निदेशक वित्त / मु.वित्त.अ.
HIRA BALLABH
DIRECTOR FINANCE / C.F.O.



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FOREWORD

‘HOW TO BECOME A RAILWAY OFFICER’ written by Shri Suresh K. Shevra in two volumes in a unique compilation. More than 5200 Multiple Choice Objective questions with answers are incorporated with latest correction Slips of different Manuals for aspirant of, ACM, AEN, AEE, AFA, AOM, AMM, AME, APO, ASTE, Railway Group ‘B’ services.

All the aspirants appearing for centralised computer based objective type MCQ examinations and for 70% and 30% LDCEs for promotion to group ‘B’ posts would be benefited. These volumes are also useful for other railway employees in their day-to-day working.

I compliment the author for this excellent work.

With Best Wishes.

Palace: NDLS
Date: 18-10-2023



(HIRA BALLABH)

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DIRECTOR GENERAL

Indian Railways Institute of Civil Engineering,

Government of India, Ministry of Railways,

Pune - 411001.

Foreword

I am happy to learn that Shri Suresh K Shevra retired XEN Manmad CR is publishing an objective book "**HOW TO BECOME A RAILWAY OFFICER**", for the aspirants preparing for JE, SSE, ADEN, level LDCE/LGS and other Departmental Computer Based Objective Type Tests (MCQ).

I am sure this book is unique being focussed on in-depth understanding of subjects at basic and advanced level of Civil professional subjects in Part-1 i.e P-Way, USFD, L-Xing, Welding, TMS, Bridge, Track Machines, Works, etc. and general subjects in Part-2 i.e. Establishment, Finance, Stores Raj bhasha, General knowledge & computer subjects in tune with latest Manuals & circulars. These topics are covered in a simple language, which can be understood even by a person not having Engineering Degree/Diploma.

I am sure that Railway Civil engineers will be benefited from this book as it will definitely cater for the new changes in the syllabi.

I thank the author & wish success for his work in the form of this book.

Pune

Date : 09 April, 2021

(Santosh Kumar Agrawal)

Director General

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नई दिल्ली - 110001
**GOVERNMENT OF INDIA
MINISTRY OF RAILWAYS
RAILWAY BOARD, RAIL BHAVAN
NEW DELHI - 110001**

Dated : 08-03-2021

Foreword

It is heartening to note that Er. Suresh Kumar Shevra is releasing a book titled "How to become a Railway Officer". Focus has been kept on depth understanding of Railway Civil Engineering subjects at basic and advanced level. It will definitely be helpful to aspirants preparing JE/SSE/ADEN level through LDCE/LGS exams conducted by the various zonal railways. Wide range of Multiple Choice Questions with answers have been covered in a simple and effective manner which can be easily understood by the field Engineers/technical persons.

I am sure that Civil Engineering officials will be greatly benefitting from the book.

I congratulate Er. S.K. Shevra former XEN/CR, for authoring such a useful technical book.

(OP SINGH)
Addl Member (L&A)



भारत सरकार
रेल मंत्रालय
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GOVERNMENT OF INDIA
MINISTRY OF RAILWAYS
RAILWAY BOARD, RAIL BHAWAN
RAISINA ROAD, NEW DELHI-110001

FOREWORD

I am pleased to note that Blue Circle Publication India is bringing out the updated version of 'HOWTO BECOME A RAILWAY OFFICER 2023'.

It would be stating the obvious to mention about the utility and popularity of this MCQ Book which is useful to all classes of Civil Engineers in the country for preparation of both professional and non-professional subjects. I am hopeful that this book will benefit candidates appearing for centralised computer based objective type examinations for 70% Selection and 30% LDCE for promotion to Group 'B' posts of Civil Engineering Department of Indian Railways.

I congratulate the author Shri Suresh K Shevra and wish him all success for his work.


30/11/2022

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Qs/!F yf dv ujwf!Ejsf dups (DjwjtF ohh/!) Qnh/*
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पश्चिम मध्य रेल
West Central Railway



महाप्रबंधक कार्यालय (परिचालन)
G.M. (Operating) Office
जबलपुर / Jabalpur



FOREWORD

I am happy to learn that the author **Shri Suresh K Shevra** former Executive Engineer Central Railway has compiled the book "HOW TO BECOME A RAILWAY OFFICER volume 1 & 2.

Volume -I has been divided into 3 Part i.e. P-Way, Bridge and Works for the benefit of aspirants of AEN Exam whereas contents of **Volume -II** has been divided into in 5 parts i.e. Establishment, Finance, Stores, General Knowledge & Rajbhasha. Both these volumes are very useful for aspirants of all departments preparing 30% & 70% Exam for AFA, AME, ASTE, APO, ACM, AOM, AEE and AMM.

HOW TO BECOME A RAILWAY OFFICER book is a unique book in which about 2900 questions were incorporated up to 3rd edition but due to increase in demands, questions have been increased from 2900 to 6000 in both books. All aspects and essential knowledge have been covered through Multiple Choice Objective questions with answers with latest correction Slips of different Manuals and according to the latest instruction issued regarding CBT Exam for **AFA, AME, ASTE, APO, ACM, AOM, AEE, AEN, AMM & ASTE** by NAIR Vadodara and Railway Board.

Being quite a comprehensive book, I am fully confident that this 4th edition of 2024 will continue to be a valuable as a reference guide for CBT Exam as well as useful as a reference in day-to-day work in the field.

I wish and congratulate Author **Shri Suresh.K.Shevra** former Executive Engineer Central Railway for his enormous efforts for his work and hope for his success.

(BRIJENDRA KUMAR)
CPTM / W.C. Railway

28 December, 2023

PREFACE FOURTH EDITION

As you would have observed from the book cover, you have just entered the portal of knowledge which will serve as a beacon of light throughout your professional life. The response to earlier edition of this book **"HOW TO BECOME RAILWAY OFFICER"** had been encouraging because of more than 2900 Multiple Choice Objective questions with answers (now increased more than 5786) incorporated with latest correction Slips of different Manuals and according to the latest instruction issued by Railway Board. It is learnt with great pleasure about 50 % readers of this book have been qualified throughout the Indian Railway in last 3 year AEN Exam conducted by NAIR Vadodara ,due to which constant demand for this book not only from Civil Engineering but also all other 8 departments officials of Indian Railways increased.

The book sets out to systematically provide a basic understanding of the many aspects of designing, constructing, maintaining and management of railways. Latest correction Slip No 15 of 23-10- 2023 for IRPWM June 2020 now incorporated in this book and being increase of number of questions from 2900 to 6200 now it has been divided into 2 volumes.

Both VOLUME-I & VOLUME-II, has been consist of PROFESSIONAL SUBJECT & OTHER THAN PROFESSIONAL SUBJECT respectively. **VOLUME-I, Professional Subject (Civil Engineering)** further divided three part 1-P-Way (17 chapters), 2-Bridges & Tunnels, 3-Work (18 chapters) and **VOLUME-II-Other than Professional Subject (for all Faculties i.e. ACM, AEE, AEN, AFA, AME, AMM, AOM, APO, ASTE, & JE)** divided in 5 parts 1-Establishment, 2-Finance, 3-Stores, 4-Rajbhasha, 5-GK & Computer. Various sections in A-to-Z sequence to ensure that the contents in the book are self-sufficient, easy to search by having A-to-Z arrangements of chapters, not requiring cross-referencing. The aim is that the not only Engineers but also other than engineers i.e for all Faculties Aspirants are equipped with the right knowledge, so that they can aspire and accomplish success in any competitive exam.

The author has accumulated an enormous number of intellectual debts from all departments of Indian Railways. Shri Brij Bhushan Garg XEN (PL) BH NDLS NR , Shri V Trinadh ADEN ECOR VSKP Shri Shree Dhar SSE (Bridge) SC SCR , Shri Dharmendra Kumar SSE (Works) AGC NCR , Shri Gulshan Saili (P-Way) NDLS NR, Shri SK Hardah SSE(C) NDLS NR , Shri Manoj Singh SSE(P-Way) BH NDLS, Shri Sunder Ram Sr Instructor ZRTI TBM SR , Shri Deepankar Chatterji SSE(P-Way) DTC, Guwahati NFR , Shri A K Sinha SSE(Works) CCG WR, Shri Mahothara Sarvana Pavan ADEN SR, Smt. Rekha Srinivas (DD) SC SCR , Shri Lallan Kumar Mishra SSE(TMC) Sini SER ,Shri Abdul Rashid SSE(WKS) Construction Indore WR, Shri R.B Singh AOM Coaching SUR CR, Shri V.P Singh instructor IREEN NK, Shri Naresh Shinde APO (W/S) MMR CR Shri Hukum Singh Professor General services IREEN NK CR who had extended suggestions for this book popular over the years, for which the author also express his gratitude to all deserve all stream officials also express my thanks to all my well-wishers as well as those who helped me directly or indirectly including Shri Rahul TM and shri Ganesh TM for their cooperation.

The mistake which had crept in, has been eliminated in this edition. Every care has been taken to check mistakes and misprints, however it is difficult to claim perfection of any errors, if aspirants bring out omissions and suggestions for the improvement of this volume, gratefully acknowledged and incorporated in the next edition. We will appreciate my readers, who support me despite the digital invasion, I am fortunate to have so many readers who shower me with love and encourage me to do better.

My family is a pillar of support in my life and I am thankful to my wife Smt Shyama Devi Shevra and children Deep, Abhinav, Priya, Chhaya & Priya Nandini from the core of my heart.

I am extremely grateful to Shri A.K. Lahoti Ex Chairman &Chief Executive Officer RB New Delhi, Shri Atul B Khare PED (CE) Railway Board, New Delhi, Shri Ram Karan Yadav DG IRICEN Pune, Shri P Ravi Kumar ADG IRMEE ER, Shri HK Bhagoriya CE (Const,) SC SCR, Shri HS Verma DG IRITM, Shri Brijendra Kumar CFTM JBP WCR who had encouraged and appreciated for this publication by which this book is possible to come out.

Nashik Road,
11 January 2024

SURESH.K.SHEVRA
FORMER EXECUTIVE ENGINEER CR
AUTHOR INDIAN RAILWAY TECHNICAL BOOKS

PREFACE THIRD EDITION

As you would have observed from the book cover, you have just entered the portal of knowledge which will serve as a beacon of light throughout your professional life.

The response to earlier edition of this book "HOW TO BECOME RAILWAY OFFICER" had been encouraging because of more than 2900 Multiple Choice Objective questions with answers incorporated with latest correction slips of different Manuals due to which constant demand for this book from all the section of Civil Engineering officials of Indian Railways.

The book sets out to systematically provide a basic understanding of the many engineering aspects of designing, constructing and maintaining railways. Latest correction Slip No 10 of Nov 2022 for IRPWM June 2020 now incorporated in this book and logically divided into various sections in A-to-Z sequence to ensure that the contents in the book are self-sufficient, easy to search by having A-to-Z arrangements of chapters. not requiring cross-referencing. The aims that the Engineers are equipped with the right knowledge, so that they can aspire and accomplish success in any Engineering competitive exam.

I am extremely grateful to Shri A.K. Lahoti GM CR, IRICEN Pune, Shri Atul B Khare PED (CE) Railway Board, New Delhi, Shri Ram Karan Yadav CAO(Const.) Churchgate WR Shri HK Bhagoriya CE (Const,) SC SCR, Shri HS Verma CCM (FS) SWR, Shri Brijendra Kumar CCM WCR who had encouraged and appreciated for this publication by which this book is possible to come out.

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My family -a pillar of support in my life. My wife Smt Shyama Devi Shevra and children Deep, Abhinav, Priya, Chhaya & Priya Nandini for her constant support and encouragement, thank you for being there.

**Nashik Road,
01 December 2022**

**SURESH.K.SHEVRA
FORMER EXECUTIVE ENGINEER CR
AUTHOR INDIAN RAILWAY TECHNICAL BOOKS**

PREFACE SECOND EDITION

The response to earlier edition of this book had been encouraging because of more than 2700 Multiple Choice Objective questions with answers incorporated with latest correction slips of different Manuals due to which constant demand for this book from all the section of Civil Engineering officials of Indian Railways.

Up to correction Slip No. 7 of IRPWM 2020 incorporated in this book and logically divided into various sections in A-to-Z sequence to ensure that the contents in the book are self-sufficient, easy to search by having A-to-Z arrangements of chapters. not requiring cross-referencing. The aims that the Engineers are equipped with the right knowledge, so that they can aspire and accomplish success in any Engineering competitive exam.

The mistake which had crept in, have been eliminated in this edition. every care has been taken to check mistake and misprints, however it is difficult to claim perfection any errors, if aspirants bring out omission and suggestions for the improvement of this volume, gratefully acknowledge and incorporated in the next edition. we will appreciate my readers, who support me despite the digital invasion, I am fortunate to have so many readers who shower me with love and encourage me to do better.

I am extremely grateful to Shri A.K. Lahoti GM CR, Shri Santosh Kumar Agarwal D.G. IRICEN Pune, Shri O.P. Singh, AM (L&A) Railway Board, New Delhi, Shri Ram Karan Yadav CAO(Const.) Churchgate WR who had encouraged and appreciated for this publication by which this book is possible to come out.

The author has accumulated an enormous number of intellectual debts from Civil Railway Engineers Shri Pradeep Sharma SSE(P-Way) NZM NR , Shri Shree Dhar SSE(Bridge) SC SCR ,Shri GM Agatkar SSE(Works) IRICEN CR ,Shri RK Rajput SSE(Safety) NDLS NR, Shri Dushyant K Sharma SSE(PL) NDLS NR , Shri CM Rathore SSE(TMC) BSP SECR , Shri Shailendra Sr Instructor ZRTI UDZ NWR, Shri Deepankar Chatterji SSE(P-Way) Gohati NFR, ,Shri V Trinadh SSE(Works) ECOR VSKP , Shri Rahul Ramesh Sansare TMTR MMR CR who had extended suggestions for this book popular over the years, for which the author also express his gratitude to all deserve engineers.

My family -a pillar of support in my life. My wife Smt Shyama Devi Shevra and childrens for her constant support and encouragement, thank you for being there.

Nashik Road,
14 April 2022

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FORMER EXECUTIVE ENGINEER CR
AUTHOR INDIAN RAILWAY TECHNICAL BOOKS

PREFACE FIRST EDITION

The author feels a great pleasure in presenting Book on “**HOW TO BECOME A RAILWAY OFFICER**” in the hands of Civil Railway Engineers preparing for departmental competitive examinations. The book, contains 25 chapters (including 5 subchapters) contained more than 2500 Multiple Choice Objective questions with answers. Focus has been kept on in-depth understanding of professional subjects at basic and advanced level of Civil Railway Engineering and nonprofessional subject through Part-1 & Part-2 respectively. The chapters have segregated topic-wise to disseminate all kind of exposure to engineers in terms of quick learning and performing in examinations to be get selected. The book is in line with recent examination scheme issued by the Railway Board.

The chapter of IRPWM 2020 logically divided into various sections in A-to-Z sequence to ensure that the contents in the book are self-sufficient, easy to search by having A-to-Z arrangements of chapters. not requiring cross-referencing. The aims that the Engineers are equipped with the right knowledge, so that they can aspire and accomplish success in any Engineering competitive exam.

Attempt has been made to bring out all kind of probable competitive examination questions asked over various Railways for the aspirants preparing for JE, SSE, ADEN, level LDCE/LGS Exams conducted by the Railways more over Part-2 has been designed in such a way which can be suitable for other department 's examination also. The book ensures threshold level of learning without external assistance. Wide range of MCQ practice questions provided which is very much essential to boost the confidence level during examinations, and ultimately to succeed. It has been ensured from objective books to have broad coverage of subjects as per COURSE OF STUDY(CH-20) at chapter level in a simple and effective way which can be understood even by a person not having formal Engineering Degree/Diploma.

Every effort has been made to make the entire book error free thus making the reading a pleasure because of clarity in printing and figures. We will appreciate, if aspirants bring out corrections required and, communicate by any media to the author. Author will be obliged to receive comments, suggestions and opinions from readers to enhance the utility of the book.

I am extremely grateful to Shri Santosh Kumar Agarwal, D.G IRICEN Pune, Shri O.P. Singh, A.M (L&A) Railway Board ,New Delhi ,Shri Ram Karan Yadav CAO (Const.) Gorakhpur NER who have encouraged and appreciated for publication of this edition by which this book possible to come out

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The author also wishes to record his gratitude to his wife Smt. Shyama Devi Shevra for her constant support and encouragement without which this book could not come out for publication of this first edition.

Nashik Road,
14 April 2021

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VOLUME -II
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CHAPTER - 2

Recruitment and Training, Classification of Services, Recruitment in Different services, Railway Recruitment Boards & Railway Recruitment Cells Compassionate Ground Appointments, Initial & In Service Training, Refresher Courses, Central Training Institutes, Training Centers in Zones, Divisions & Workshops, Training Modules for different posts, Training under Apprentices Act, Online Training, APARs.

- 1

When 02 or more candidates are declared to be of equal merit at one and the same exam / selection, their relative seniority is determined by_____.

(A) Date of Birth

(B) Date of Joining

(C) Date of Medical Exam.

(D) Date of Document Verification

A
- 2

Seniority is not affected due to transfer on Administrative Grounds_____.

(A) True

(B) False

(C) -

(D) -

A
- 3

Seniority of Railway servants transferred on their own request is allotted at

(A) The Bottom of existing Railway Servant in the relevant grade

(B) According to date of confirmation

(C) According to length of service

(D) At the top of existing Railway Service in the relevant grade

A
- 4

What is the percentage of direct recruitment of Staff Nurse

(A) 50%

(B) 100%

(C) 25%

(D) 80%

B
- 5

Who is the appointing Authority of Gr-D in level-1(GP-1800)

(A) Junior Scale Officer

(B) Sr. Scale Officer

(C) Jr. Administrative Grade

(D) None of these.

A
- 6

Seniority among the candidates who are sent for initial training to training schools is decided based on :

(A) Merit order of RRB/RRC

(B) Merit order obtained at training school

(C) Date of Joining the post

(D) Date of Birth

B
- 7

What is the age relaxation for direct Recruitment for SC/ST Candidate?

(A) 3 years

(B) 5 years

(C) 2 years

(D) 4 years

B

CHAPTER - 3

GENERAL CONDITIONS OF SERVICE ,LEAVE RULES: General conditions of service in Railways, Seniority, Lien, Inter Railway & Inter Division transfers, Deputation, Promotion Policy & methods. Selection, Suitability, Trade Tests, Leave Rules, Pass Rules, Joining Time Reservation policy, HOER, Overtime, Payment of wages, current CPC Pay Rules, Advances in Railways.

Manpower planning, Rightsizing & Bench marking, creation, extension and surrender of posts, creation of posts against new assets, different types of posts including work charged posts.

- 1 If a family member of a covid patient is working in Railway then he/she can avail Spl CI up to _____ days
 (A) 10 (B) 15
 (C) 14 (D) 12
 B
- 2 Liberalized Leave Rules came into effect from
 (A) 02.01.1949 (B) 12.01.1949
 (C) 01.02.1949 (D) 11.02.1949
 C
- 3 Maternity Leave that can be granted to a female Railway Servant during her entire career in case of miscarriage is _____ days
 (A) 45 (B) 90
 (C) 30 (D) 60
 A
- 4 Extra ordinary leave can be granted in one spell
 (A) 4 years (B) 3 years
 (C) 2 years (D) 5 years
 D
- 5 Maximum amount of continuous leave that is admissible to Railway Servants is _____ years.
 (A) 10 (B) 4
 (C) 5 (D) 2
 C
- 6 LND during entire service is limited to a maximum of _____ days on medical certificate
 (A) 180 (B) 360
 (C) 90 (D) None of the above
 B
- 7 Joining time admissible where distance between the new station (to where transferred) and old station is 2001 km is -----days
 (A) 12 (B) 14
 (C) 15 (D) 10
 C

CHAPTER - 4

THE RAILWAY SERVANTS (DISCIPLINE & APPEAL) RULES, 1968 and related instructions & The Railway Services (Conduct) Rules, 1966 and related instructions.

- 1

The Railway service conduct Rule 1966 is applicable to

(A) Only Gr. C Employee

(B) Only Gr. D Employee

(B) Gazzeted officer

(D) All Gazzeted&NonGazzeted Employees

D
- 2

Which authority in HQ can place a senior Clerk under suspension as per SOP?

(A) Junior Scale

(B) Senior scale

(C) JA Grade

(D) Selection Grade

B
- 3

What is the date from which the Railway Servants (D&A) Rules, 1968 came into force?

(A) On the first day of January, 1968

(B) On the first day of August, 1968

(C) On the first day of October, 1968

(D) None of these

C
- 4

Who can impose penalty of WIT for 2 years to a Chief OS?

(A) Junior Scale

(B) Senior scale

(C) JA Grade

(D) Selection Grade

C
- 5

Under which rule of Railway Servants (D&A) Rules, procedure of minor penalty has been prescribed?

(A) Rule 7

(B) Rule 9

(C) Rule 11

(D) Rule 13

C
- 6

Which No. of standard form is used to issue a Major penalty charge sheet Under Railway Servants (D&A) Rules?

(A) SF 2

(B) SF 5

(C) SF 7

(D) SF10

B
- 7

Which of the following Rules of Railway Servants (D&A) Rules, does specify the penalties?

(A) Rule 3

(B) Rule 4

(C) Rule 5

(D) Rule 6

D
- 8

What for Standard Form-7 is used under Railway Servants (D&A) Rules?

(A) Revocation suspension

(B) Appointment of inquiry officer

(C) To issue major charge sheet

(D) 8

B

CHAPTER -5

RETIREMENT BENEFITS, qualifying service, pension, family pension, commutation gratuity, new pension scheme.

- 1

Any employee irrespective of age can be retired prematurely by giving three months notice after he has completed qualifying service of

(A) 25 years

(B) 20 years

(C) 33 years

(D) 30 years

D
- 2

Re-engaged employees in a calendar year are entitled for leave of

(A) 15 days

(B) 12 days

(C) 8 days

(D) 30 days

C
- 3

Sahayaks (Licensed Porter) are entitled for 'Complimentary Admin' cheque pass in a calendar year

(A) Two set

(B) One set

(C) Three set

(D) NIL

B
- 4

APAR of employees in Level-I was introduced from year

(A) 2018-19

(B) 2017-18

(C) 2019-20

(D) 2016-17

A
- 5

Verification of qualifying service should be done

(A) After 25 years of service & 2 years before retirement

(B) After 20 years of service & 3 years before retirement

(C) After 18 years of service & 2 years before retirement

(D) After 18 years of service & 5 years before retirement

D
- 6

In all cases of over stay in service beyond the age of superannuation the officer/staff should be taken up under D & A Rules for imposing

(A) Either minor or major penalty

(B) Major penalty

(C) Minor penalty

(D) None of these

B
- 7

Period of over stay in service beyond superannuation is

(A) No recovery of pay

(B) Fait accompli

(C) Irregular and pay/allowances allowed to be recovered

(D) Regular & pay for duty performed is to be given

D

CHAPTER - 6

INDUSTRIAL RELATIONS IN RAILWAYS, recognized trade unions, industrial disputes. The Industrial Disputes Act, 1947. The Industrial Relations Code, 2020. The Trade Unions Act, 1926, PNM, PREM, JCM, Various Associations & Informal Meetings.

- 1

What is the full form of PREM ?

A

(A)Participation of Railway Employees in Management
(B)Public& Railway Employees Meeting
(C)Permanent Railway employees meeting
(D)PermanentRailway employees machinery
- 2

When PREM has been established for participation of Railway employees in management?

A

(A) In year 1994
(B) In year 1947
(C) In year 1952
(D) In year 1974
- 3

What is the main motive of meeting of PREM ?

D

(A) For evalution,
(B) For modificatation
(C) For only participation of Railway employees.
(D) For evaluation, modification of Railway working by participation of Railway employees.
- 4

At how many levels PREM meetings conducted ?

A

(A)At three levels- Railway board, Zonal Divisional.
(B)At only one level – Railway Board level
(C)At two level Depot & Divisional
(D)At Divisional level
- 5

Who is the president of PREM meeting at Railway Board level ?

A

(A) Chairman Railway Board.
(B) General Manager
(C) Divisional Railway Manager
(D) Principal Chief Personnel Officer (PCPO)
- 6

Who is the secretary of PREM meeting at Railway Board level ?

B

(A) Secretary to CRB Staff
(B) Secretary Railway Board
(C) Secretary to Member Staff
(D) Secretary to Rail Rinister Staff
- 7

Who is the president of PREM meeting at zonal level ?

D

(A) PCE
(B) Principal Chief Personnel Officer (PCPO)
(C) Senior Deputy General Manager
(D) General Manager.

CHAPTER - 7**STAFF WELFARE, SBF, Railway institutes, Railway schools, Ex-gratia payment, Incentive Bonus Scheme, Staff Grievances Redressal Mechanisms, Legal Matters**

- 1 Before 1997, an appeal against the order of CAT had to be filed before: C
(A) High Court (B) Principal Bench
(C) Supreme Court (D) None of the above
- 2 Sexual harassment of women at working place has been included in the conduct rules as B
(A) Indira Sawaney (B) Vishaka Vs. State of Rajasthan
(C) Shabano's case (D) None of the above
- 3 When a prosecution witness is declared as hostile witness, the IO: B
(A) Can drop him (B) Can cross examine him
(C) Can ask him not to attend the enquiry (D) None of the above
- 4 When an Inquiry officer is replaced by another, the new IO has to proceed: B
(A) A fresh (B) From the stage left by the earlier IO
(C) From the stage ordered by DA
- 5 Standard of proof required departmental enquiry: A
(A) Preponderance of probability (B) As applicable in civil rules (CPC)
(C) As applicable in Criminal rules (CrPC) (D) None of the above
- 6 Which of the following ingredients of a decree: B
(A) Determination of rights of the parties (B) There must be adjudication
(C) Such adjudication is given in a suit (D) All the above
- 7 An order means : D
(A) Formal expression of any civil court (B) It is not a decree
(C) Both A & B (D) None of the above
- 8 Judgement debtor means: B
(A) Any person in whose favour a decree has been passed
(B) Any person against whom a decree has been passed
(C) Both A & B
(D) None of the above

CHAPTER - 8

LABOR LAWS: The Factories Act, 1948. The workmen's Compensation Act, 1923. Functions of Labour Enforcement Officers, Right to Information Act.

- 1 A peon working in Railways met with an accident and injured while carrying a file to another office. Whether He is:
- A
- (A) Eligible for compensation under WC Act
(B) Not eligible to receive compensation under WC Act
(C) Eligible to receive compensation as exgratia payment
(D) None of the above
- 2 The following come under the purview of WC Act :
- A
- (A) Apprentices (B) Casual worker
(C) RPF staff (D) None of the above
- 3 Limitation within which claim for Workmen's compensation should be preferred from the date of occurrence of the accident:
- B
- (A) One year (B) Two years
(C) Three years (D) No limitation
- 4 Fines imposed on workman can be recovered from the wages as per Payment of Wages Act. The maximum amount of fine shall not exceed:
- A
- (A) 3% of wages (B) 5% of wages
(C) 7% of wages (D) 10% of wages
- 5 If the charged employee complains that he could not attend enquiry because of non payment of subsistence allowance, IO has to:
- B
- (A) Arrange for the same
(B) Conduct the enquiry ex parte
(C) Advise the DA to arrange subsistence allowance
(D) Ask the charged employee to make his own arrangements to attend the enquiry
- 6 A Senior Section Engineer, while going to Baroda House to report to his superior officer met with an accident in front of Baroda House. He is:
- C
- (A) Eligible for compensation under WC Act
(B) Not eligible to receive compensation under WC Act
(C) Eligible to receive compensation as exgratia payment
(D) None of the above

CHAPTER - 9
THE SCOPE OF INFORMATION TECHNOLOGY IN RAILWAY
e – office. HRMS, IPAS, LIMBS, ARPAN, CPGRAMS, ANUBHAV etc

- 1

Choose the correct one.

I IRPS is a specialized services for personnel Management of Railways

II All RRB's are headed by an IRPS Officers

(A) Only I

(B) Only II

(C) I and II

(D) None

A
- 2

Choose the correct one

I Chairman RRB is a SAG Cadre post of IRPS

II Chairman RRC is a JAG/SAG cadre post of IRPS

(A) Only I

(B) Only II

(C) I and II

(D) None

A
- 3

From the beginning' can also be expressed in the following maxim :

(A) Ab initio

(B) Sine initio

(C) initio idem

(D) None of the above

A
- 4

Ipso facto' means:

(A) By that very fact

(B) Fact of the issue

(C) Factually

(D) Fact and evidence

A
- 5

'Prima facie' means

(A) Preliminary issue

(B) At first sight

(C) Face of the issue

(D) None of the above

B
- 6

'Intra vires' means:

(A) Having no power

(B) Within the power

(C) Some thing illegal

(D) None of the above

B
- 7

Malfeasance', in legal terms means:

(A) Wrongful act

(B) Malafide act

(C) Either A or B

(D) None of the above

B

CHAPTER - 10

IR FINANCIAL OVERVIEW

Parliamentary Control over Railway Finance, Public Accountability, Cannons of Financial Propriety.

- 1 How many Shramik Special trains have been arranged by Indian Railways till the first week of June 2020, to ferry the migrants due to Covid-19?

(A) Less than 2000 trains
(B) Between 3000 and 4000 trains

(C) Between 100 and 200 trains
(D) Between 5000 and 6000 trains

B
- 2 The commodities largely moved by Railways during the lockdown period were:

(A) POL, cement and iron ore
(B) Coal, fly ash and steel

(C) Foodgrains, salt, sugar, milk van
(D) None of the above

C
- 3 For better monitoring of big Railway projects, they have been categorized as:

(A) Super critical, critical and throughput enhancement projects
(B) High speed, safety and heavy haul projects
(C) Projects with Rs.500 crores each and Rs. 1000 crore each
(D) Out of turn projects, Urgency based projects and Safety works projects

A
- 4 The Gross Traffic Receipts as per B.E. of 2020-21 are:

(A) 2,05,800 crores
(B) 1,88,800 crores

(C) 2,35,000 crores
(D) 2,25,613 crores

D
- 5 The Net Revenue projection for 2020-21 is:

(A) Rs. 9,000 crores
(B) Rs. 19,000 crores

(C) Rs. 6,500 crores
(D) Rs. 15,000 crores

C
- 6 Choose the right option in terms of top 3 railway freight commodities loaded (in MTs)

(A) Coal, Iron ore, Cement
(B) Coal, Fertilizers and Foodgrains

(C) Coal, Foodgrains and Pig iron

A
- 7 Which of the following is NOT a Reserve Fund of Indian Railways as in 2019-20:

(A) Capital Fund
(B) Development Fund

(C) Revenue Reserve Fund
(D) RRSK

C
- 8 Average lead in terms of kms for revenue earning freight of Indian Railways is:

(A) Between 750 and 1000 kms
(B) Between 250 and 550 kms

(C) Between 1000 and 1200 kms
(D) Between 500 to 600 kms

D

CHAPTER - 11**Budgetary terms, Types of Budgets, Budget cycle, Demand of Grants, Budgetary and Financial Reviews.**

- | | | |
|---|--|---|
| 1 | Lumpsum provision in the Pink Book can be utilized for specific category of works costing up to Rs. 2.5 Crores | B |
| | (A) Pink Book items
(C) Lumpsum works | (B) Umbrella works
(D) None of the above |
| 2 | Railway Budget has been merged with Central Budget w.e.f | A |
| | (A) 2017-18
(C) 2019-20 | (B) 2018-19
(D) 2020-21 |
| 3 | Expenditure on Pension and retirement benefits is booked to which demand | C |
| | (A) 11
(C) 13 | (B) 12
(D) 14 |
| 4 | Construction of new quarters is chargeable to | A |
| | (A) Capital
(C) DRF | (B) DF
(D) SRSF |
| 5 | Cost of Passenger Amenities work is charged to | B |
| | (A) Capital
(C) DF III | (B) DF I RRSK
(D) DRF |
| 6 | Cost of furniture required for new work is charged to | A |
| | (A) Same Plan Head to which the main work is charged
(B) Other specified work
(C) Revenue
(D) None of the above | |
| 7 | RSRK is being implemented w.e.f. | A |
| | (A) 2017-18
(C) 2019-20 | (B) 2018-19
(D) 2020-21 |
| 8 | RSRK has been allocated a fund of Rs. _____ to be spent in e years for Railway | A |
| | (A) Rs. 1 lakh crore
(C) Rs. 3 lakh crore | (B) Safety works
(D) Rs. 4 lakh crore |

CHAPTER - 12
RULES OF ALLOCATION
Classification of expenditure , Control of expenditure - Responsibility Accounting
Performance Budgeting - Exchequer Control - Financial Results of Working lines.

- 1

Revenue Allocation Register (RR) is maintained to facilitate

(A) Control over expenditure

(B) To keep record of expenditure

(C) Expenditure under prescribed heads

(D) All of the above

D
- 2

Register of Works is maintained to facilitate

(A) Control over expenditure

(B) Collection of expenditure workwise

(C) Workwise budgetary control

(D) All of the above

D
- 3

Exchequer control facilitates

(A) Concurrent control of cash outgo

(B) Correct assessment of 'cash' and 'adjustment' of the sanctioned budget

(C) As accurate an assessment as possible of requirement of cash

(D) All of the above

D
- 4

Plan Head 6500 deals with

(A) Other specified works

(B) Research & Design works

(C) Training Institutes – HRD work

(D) Computerization works

C
- 5

Plan Head 2200 deals with

(A) Other specific works

(B) Training Institutes – HRD works

(C) Repayment of capital segment of lease payments

(D) Computerization works

C
- 6

Irrespective of the purpose for which it is acquired, the cost of land is booked to

(A) DF

(B) DRF

(C) Capital

(D) Revenue

C
- 7

Approval powers for appointment of Arbitrator rests with

(A) GM

(B) AGM

(C) PHOD

(D) All of the above

A

CHAPTER - 13
WORKS PROGRAMME
Financial justification of Works - Surveys - Preparation of Estimates - Capital Budget -
Control over Capital Expenditure - Reappropriation of Funds.

- 1

Re-appropriation of funds from one plan head to another plan head is within the powers of

D

(A) DRM

(B) PHOD

(C) GM

(D) Railway Board
- 2

Re-appropriation of funds from one source to another source is within the powers of

A

(A) Railway Board

(B) GM

(C) PHOD

(D) DRM
- 3

Re-appropriation of funds from one itemised work to another itemised work is within the powers of

C

(A) DRM

(B) PHOD

(C) GM

(D) Railway Board
- 4

Re-appropriation of funds under allocation EBR from one itemised work to another itemised work of the same plan head is within the powers of

B

(A) DRM

(B) PHOD

(C) GM

(D) Railway Board
- 5

Re-appropriation of funds from a priority work to a non-priority work

D

(A) DRM

(B) PHOD

(C) GM

(D) Railway Board
- 6

Which of the following is/are correct? Re-appropriations sanctioned at zonal level are a -Reflected in budget VPN b.-Sanction memoranda is issued c-. Associate finance concurrence is taken

D

(A) A only correct

(B) B only correct

(C) B & C correct

(D) All are correct
- 7

Items of expenditure placed under objection are cleared

C

(A) When sanction is obtained from GM

(B) When the executive request for withdrawal of the project

(C) When sanction is obtained from competent authority

(D) None of the above

CHAPTER - 14

- D

- C

- B

- C

- A

- B

CHAPTER - 15
WORKSHOP ACCOUNT
Financial & Cost Control in Railway Workshops/Sheds/Units

- 1

'Payment by Results' in workshop means :

(A) Payment after results are declared
(B) Incentive Bonus Scheme
(C) Regular payment to workers
(D) None of the above

B
- 2

The yardstick for measuring work in the Incentive Bonus Scheme is :

(A) Time
(B) Regular Attendance
(C) Work study
(D) None of these

A
- 3

Allowed time for a work is fixed keeping in view that some percentage of incentive bonus is earned by the worker. The percentage is :

(A) 10%
(B) 33 1/3 %
(C) 50%
(D) None of these

A
- 4

The ceiling limit on the profit earned by each worker is _____ of standard basic wage of the worker.

(A) 50%
(B) 25%
(C) 15%
(D) 10%

A
- 5

Incentive Bonus for supervisors is restricted to _____ of the average percentage of profit earned by the direct workers under his control.

(A) 50%
(B) 60%
(C) 70%
(D) 80%

D
- 6

The time lost due to lack of work, machine repairs, lack of tools etc is known as :

(A) Idle time
(B) Allowed time
(C) Booked time
(D) None of the above

A
- 7

Idle time expenditure is charged to :

(A) Shop on cost workorder
(B) General on cost workorder
(C) Proforma on cost workorder
(D) None of these

A
- 8

A record that shows the time for which wages are earned by each work men is called :

(A) Time book
(B) Time sheet
(C) Job card
(D) None of these

B

CHAPTER - 16
TENDERS AND CONTRACTS
Rules and procedure relating to Tenders and contracts for execution of works and
Procurement of Stores, M & P Programme and RS

- 1

Performance Guarantee percentage in Service Contracts :

(A) 5%

(B) 10%

(C) 15%

(D) 20%

B
- 2

Security deposit for Service Contracts :

(A) 2.5%

(B) 5%

(C) 10%

(D) None

D
- 3

In SOP, if there is no mention regarding finance concurrence, then :

(A) Finance concurrence is not required

(B) Finance concurrence is required

(C) Executive can decide on Finance concurrence

(D) None of the above

B
- 4

Authority competent to grant extension of time for completion of contract :

(A) Accepting authority

(B) Contract signing authority

(C) One level above accepting authority

(D) Executive concerned

B
- 5

Contractor is authorized to record measurements in a book called :

(A) Field Book

(B) Contractor's Measurement Book

(C) Contractor's Ledger

(D) Measurement Book

B
- 6

Tender committee and Accepting authority for single tenders should be :

(A) One step above normal tenders

(B) Two steps above the normal tenders

(C) Same level committee as for open tenders

(D) None

A
- 7

Powers to dispense with tenders and accept quotation for works valuing Rs. 10 lakhs rests with :

(A) GM

(B) PHOD

(C) HOD

(D) JAG

B

CHAPTER - 17
AUDIT OBJECTIONS AND DRAFT PARAS
Procedure for Possessing and finalizing, Delegation of Powers, Losses, Frauds and
Embezzlements, General Financial Rules, Organization of CGA and C&AG, Any other topic
felt necessary from time to time

- | | | |
|---|---|---|
| 1 | The SV sheet prepared by stock verifier is form : | A |
| | (A) S1260 (B) S1280
(C) S1240 (D) S1220 | |
| 2 | Powers of the GM to approve Lumpsum works : | A |
| | (A) Up to Rs. 1 crore each (B) Up to Rs. 2.5 crores each
(C) Up to Rs. 10 crores each (D) Up to Rs. 20 crores each | |
| 3 | What is LAW ? | A |
| | (A) List of Approved Works (B) List of Added Works
(C) List of Arranged Works (D) All of the above | |
| 4 | Powers of GM to approve M & P items : | C |
| | (A) Up to Rs. 2.5 Crore (B) UP to Rs. 1 crore
(C) Up to Rs. 50 lakhs (D) Up to Rs. 10 lakhs | |
| 5 | A deposit work of Rs. 100 Crore can be sanctioned by : | D |
| | (A) CRB (B) MR
(C) Railway Board (D) GM | |
| 6 | Who is the sanctioning authority for 100% excess due to escalation ? | B |
| | (A) Railway Board (B) GM
(C) PHOD (D) None of the above | |
| 7 | Who is the sanctioning authority for 25% excess due to scope ? | D |
| | (A) DRM (B) PHOD
(C) GM (D) Railway Board | |
| 8 | Trial & Expenditure works up to Rs. 10 lakhs can be sanctioned by : | B |
| | (A) Railway Board (B) GM
(C) PHOD (D) DRM | |

CHAPTER - 18 TRAFFIC ACCOUNT

- 1 Penalty recovered by TTE / TC from passengers travelling without ticket is called :
C
(A) Penalty (B) Surcharge
(C) Excess Fare (D) Excess charge
- 2 Account Current pertaining to coaching and goods traffic is a statement prepared monthly showing :
A
(A) Account showing the monthly earnings of Chg & Goods
(B) Account showing the monthly expenditure of Capital & Revenue
(C) Account showing the monthly Excess/Shortfall of both earnings & Expenditure compared with Budget grant
(D) Account showing the monthly earnings on account of Chg & Goods
- 3 Advice of Internal Check is :
B
(A) Acknowledgement given to station indicating receipt of station Balance sheet in TAO.
(B) Compares the closing balance as shown by the station in the balance sheet by the station with that of arrived at by the accounts office.
(C) Comparison of both Debit & Credit of station balance sheet with figures in General books.
(D) None of the above
- 4 Traffic cash received otherwise than through station balance sheet is incorporated in accounts through
C
(A) Traffic Cash Check sheet (B) Abstract Daily/Monthly Cash Book
(C) Accounts Office Balance sheet (D) General Cash Book
- 5 The Head Balance sheet transfers operated in :
B
(A) Transfer Transactions (B) Traffic Book
(C) Book Adjustments (D) Traffic Suspense
- 6 Traffic which passes over a railway but neither originates nor terminates on that railway is called for that railway :
D
(A) Traffic not pertains to that Railway (B) Mixed traffic
(C) Preferential traffic (D) Cross traffic
- 7 The following is the dummy entry in station balance sheet :
B
(A) Outward Paid (B) Inward Paid
(C) Inward To-Pay (D) Siding Charges

CHAPTER - 19
INFORMATION TECHNOLOGY
In general with specific reference to Railway's IT Applications, Taxation matters with
special focus on GST & Income Tax

- 1

Name the RDBMS (Relational Database Management System) used in IPAS :

(A) MS SQL
(C) Oracle

(B) IBM DB2
(D) None of These

D
- 2

How many active users are there in IPAS ?

(A) 20000
(C) 40000

(B) 30000
(D) 50000

C
- 3

The network security mechanism used for IPAS Data Centre :

(A) Intrusion Prevention System (IPS)
(B) Network Management System (NMS)
(C) Security information and event management (SIEM)
(D) A, B & C

D
- 4

How many nationalised banks (Before Merger) are integrated with IPAS for sending e-PPO :

(A) 20
(C) 24

(B) 19
(D) 17

D
- 5

IPAS is :

(A) Interconnected Payment and Access System
(B) Interconnected Payroll and Accounting system
(C) Integrated Payroll and Accounting System
(D) Integrated Payment and Accounting System

C
- 6

For secured authorization and authentication purpose, IPAS is using :

(A) Two Factor Authentication
(C) Password Encryption

(B) Digital Signatures
(D) All of the above

D
- 7

IPAS database servers are placed in a secure IT environment in :

(A) Militarized Zone
(C) Red Zone

(B) De-Militarized Zone
(D) Secure Quarantined Zone

A

CHAPTER - 20
RAJBHASHA
Constitutional provisions of official language, committees, implementation of official language Hindi training

- 1

----- is the official language of union of India

(A) English

(B) Sanskrit

(C) Hindi in Devanagari

(D) Urdu

C
- 2

By Article 344/1-of the constitution contains provision regarding the constitute of Rajbhasha Commission in the -----year.

(A) 1953

(B) 1955

(C) 1954

(D) 1956

B
- 3

Article -----of the constitution contains provision regarding the Hindi became the official language of the union of India

(A) 343

(B) 343

(C) 344

(D) 345

B
- 4

The constitution contains provision regarding the Hindi became the official language of the union of India on -----

(A) 26-1-1947

(B) 26-1-1950

(C) 26-1-1965

(D) 26-1-1978

C
- 5

official language act passed on -----

(A) 10-5-1948

(B) 10-5-1950

(C) 10-5-1956

(D) 10-5-1963

D
- 6

Official language rules passed was on ----

A) 1976 B) 1966

C) 1956 D) 1947

A
- 7

Hindi day is celebrated on ----- every year

(A) 14 November

(B) 14 September

(C) 14 August

(D) 14 January

B

CHAPTER - 21

RAJBHASHA INCENTIVE & AWARDS

Incentive given for passing Hindi examinations, Awards given for doing official work in Hindi

- 1 _____ is the name of the award given for writing Hindi novel & storybooks
(A) Premchand (B) Lalbahadur Shastri
(C) Indira Gandhi (D) Maithili Sharan Gupt A
- 2 _____ courses are prescribed for central govt. employees
(A) 1 (B) 2
(C) 3 (D) 4 D
- 3 _____ one is the foreign language included in the 8th Schedule
(A) English (B) Chinese
(C) Nepali (D) Russian C
- 4 _____ Hindi courses are prescribed for Central Govt. employees
(A) 4 (B) 5
(C) 6 (D) 7 A
- 5 _____ is the lumpsum award for passing Prabodh and Praveen.
(A) 1000 (B) 800
(C) 600 (D) 400 B
- 6 _____ First prizes are given for writing more than 10,000 words in Hindi, in a year.
(A) 4 (B) 3
(C) 1 (D) 2 D
- 7 _____ is the amount of Third prize, given under Collective Cash Award Scheme.
(A) Rs. 4000 (B) Rs. 5000
(C) Rs. 6000 (D) Rs. 10000 A
- 8 Rs. _____ is the lumpsum award for passing Pragya.
(A) 600 (B) 800
(C) 1000 (D) 1200 B

CHAPTER - 22
STORES

Classification of Stores, Procedure of drawl of Stores, Indenting Procedures, Procurement methods-Local purchase, Spot purchase, Bulletin tender, Advertised tender, Limited tender, Tender Committee, Direct Purchasing, Schedule of Powers, Incoming inspection requirements

- 1 Test check of vouchers during stock verification In the case of revenue and other charged of stores, _____receipts and issue transactions for any_____from the date of last accounts verification should be checked with the postings recorded in the Ledgers.
D
(A) 25% and 6 months (B) 20% and 3 months
(C) 20% and 6 months (D) 25% and 3 months
- 2 Stores with Imprest Holders whether in a Stores Depot or with a department, should be verified by accounts Stock Verifiers every once in a_____
B
(A) 12 Months (B) 24 Months
(C) 36 Months (D) 18 months
- 3 Items for which there is a regular demand, regular drawl or consumption and there is a regular recoupment :
B
(A) Revenue items (B) Stock items
(C) Consumables (D) Non stock items
- 4 Items which are required for day-to-day operation of services and maintenance of the activity_____
C
(A) Custody stores (B) Surplus stores
(C) Imprest stores (D) Special stores
- 5 The Material at site of works whether in a Stores Depot or with a department, should be verified by accounts Stock Verifiers every once in a_____
A
(A) 12 Months (B) 24 Months
(C) 36 Months (D) 18 months
- 6 PL number consists of ----- digit
D
(A) 12 (B) 10
(C) 06 (D) 08
- 7 Principal Head of stores Department on a Zonal Railway is-----
C
(A) Chief Materials Manager (B) Member Mechanical
(C) Principal CMM (D) Chief COS

CHAPTER - 23
GENERAL KNOWLEDGE

This section would contain questions of general interest and importance, which is acquired by general observation or reading without specific text book study. Subjects of national importance as well as achievements of Railways are also to be covered, the standard of General Knowledge shall not be more rigorous than Matriculate level

- 1 GIP Railway Company (GIP) was incorporated in England by an Act of the British Parliament on :

A

(A) 1st August 1849

(B) 1st August 1850

(C) 1st January 1851

(D) None of the above
- 2 The formation of the Railway Board in 1905 was based upon the recommendations of :

C

(A) Acworth Committee

(B) MacDonald Stephenson Committee

(C) Thomas Robertson Committee

(D) Separation Convention 1924
- 3 Who was the first Secretary of the Railway Board in 1905 :

D

(A) Rowland Macdonald Stephenson

(B) Lord Dalhousie

(C) G.W. Mc George

(D) N.G. Priestley
- 4 Which was the first train in India to have a Ladies Only compartment ?

C

(A) Frontier Mail

(B) Punjab Mail

(C) Deccan Queen

(D) Toofan Mail
- 5 After independence and nationalization of Railway Zones, which was the only Railway Company which continued its private operations till 2016

B

(A) Assam Railway Company

(B) Central Provinces Railway Company

(C) Punjab Northern State Railway

(D) Nagpur Chattisgarh Railway
- 6 The East India Railway Company's first passenger train ran on 15th August 1854 covering a distance of 38 kms between:

A

(A) Howrah and Hooghly

(B) Hooghly and Raneegunje

(C) Nagpur and Ajani

(D) Jamalpur and Munger
- 7 Which of the following is NOT owned by Indian Railways ?

A

(A) Delhi Metro

(B) Kolkata Metro

(C) Konkan Railway Corporation Ltd.

(D) None of the above

CHAPTER - 24**SYLLABUS& MODEL PAPERS****SYLLABUS FOR PROMOTION TO GROUP- B POSTS - 70% LGS SELECTION AND 30% LDCE.****(FOR ACM, AEE, AEN, AFA, AME, AMM, AOM, APO, ASTE)**

- 1 Establishment, Finance Rules & Rajbhasha : **20 Marks + 10 Marks =30Marks - For LGS Including 5 optional question**
- 2 (i) Establishment + Finance Rules: **20 Marks + 10 Marks = 30 Marks -For LDCE Including 5 optional question**
(ii) General Knowledge (excluding current affairs) + Rajbhasha: **25 Marks+ 15 Marks (Optional = 40Marks - For LDCE**

VOLUME-II OTHER THAN PROFESSIONAL SUBJECTS**SYLLABUS FOR ESTABLISHMENT RULES FOR ALL CATEGORY**

- 1 Organization of the Personnel Department in Railways objectives functions and policies of Personnel Department.
- 2 Recruitment and Training, Classification of Services, Recruitment in Different services, Railway Recruitment Boards & Railway Recruitment Cells Compassionate Ground Appointments, Initial & In Service Training, Refresher Courses, Central Training Institutes, Training Centers in Zones, Divisions & Workshops, Training Modules for different posts, Training under Apprentices Act, Online Training, APARs.
- 3 General conditions of service in Railways, Seniority, Lien, Inter Railway & Inter Division transfers, Deputation, Promotion Policy & methods. Selection, Suitability, Trade Tests, Leave Rules, Pass Rules, Joining Time Reservation policy, HOER, Overtime, Payment of wages, current CPC Pay Rules, Advances in Railways.
- 4 Manpower planning, Rightsizing & Benchmarking, creation, extension and surrender of posts, creation of posts against new assets, different types of posts including work charged posts.
- 5 The Railway Servants (Discipline & Appeal) Rules, 1968 and related instructions.
- 6 The Railway Services (Conduct) Rules, 1966 and related instructions. Retirement benefits, qualifying service, pension, family pension, commutation gratuity, new pension scheme.
- 7 Staff welfare, SBF, Railway institutes, Railway schools, Ex-gratia payment, Incentive Bonus Scheme, Staff Grievances Redressal Mechanisms.
- 8 Industrial relations in Railways, recognized trade unions, industrial disputes. The Industrial Disputes Act, 1947. The Industrial Relations Code, 2020. The Trade Unions Act, 1926, PNM, PREM, JCM, Various Associations & Informal Meetings.
- 9 The Factories Act, 1948. The workmen's Compensation Act, 1923. Functions of Labor Enforcement Officers, Right to Information Act.
- 10 The scope of Information Technology in Railway e – office. HRMS, IPAS, LIMBS, ARPAN, CPGRAMS, ANUBHAV etc.

SYLLABUS FOR FINANCIAL RULES FOR ALL CATEGORY

- a) Parliamentary Control over Railway Finance, Public Accountability, Canons of Financial Propriety.
- b) Railway Budget - Budgetary terms, Types of Budgets, Budget cycle, Demand of Grants, Budgetary and Financial Reviews.
- c) Rules of Allocation - Classification of expenditure - Control of expenditure - Responsibility Accounting - Performance Budgeting - Exchequer Control - Financial Results of Working lines.

MODEL QUESTION PAPERS FOR AEN CONDUCTED BY NAIR

LDCE 30%
LGS 70%

Total Marks:80+40+30=150
Total Marks:70+30=100

Duration: 3 hrs.
Duration:2 hrs.

PROFESSIONAL SUBJECT (PART -A) AEN 30% EXAM NAIR 20 NOV 2022
(80 Ques to be attend out of 85)

NOTE: FOR PART-A OF AEN 30% QUESTION PAPERS, PLEASE REFER
HBRO VOLUME I WRITTEN BY Er SUREH K SHEVRA

GK &OFFICIAL LANGUAGE (PART - B)
(40 Que to be attend out of 55)

- | | |
|---|---|
| <p>86- Which Indian batsman scored 10000 runs in the least number of One Day International cricket matches.
(A) Virat Kohli (B) Sachin Tendulkar
(C) Saurav Ganguli (D) M.S. Dhoni</p> <p>87- Which of the following languages is not in the 8th Schedule of the Constitution.
(A) Urdu (B) Konkani
(C) Santhali (D) Rajasthani</p> <p>88- Who was not a recipient of "Param Veer Chakra" for the bravery shown in the Kargill War of Year 1999.
(A) Captain Vikram Batra
(B) Major Ramaswamy Parameswaran
(C) Grenadier Yogendra Singh Yadav
(D) Rifleman Sanjay Kumar</p> <p>89- Which is the train with longest route in India.
(A) Himsagar Express (B) Gurudev Express
(C) Vivek Express (D) Basuki Express</p> <p>90- What is the target of the original correspondence in Hindi from a Central Government office located in "Ka" region to state government offices located in "Ka" region.
(A) 50% (B) 60%
(C) 75% (D) 100%</p> <p>91- Which is largest continent of the world
(A) Africa (B) Asia
(C) Europe (D) Australia</p> | <p>92- Who has the right to adopt a language as the official language of the state.
(A) Both houses of Parliament
(B) State Legislature
(C) President
(D) Prime Minister</p> <p>93- Who was the first Chairman of the Official Language Commission
(A) B. G. Kher
(B) G. B. Pant
(C) Lalit Narayan Mishra
(D) Ramdhari Singh Dinkar</p> <p>94- Where is the original Ashoka Stambh located..
(A) Gaya (B) Varanasi
(C) Sarnath (D) Sanchi</p> <p>95- What is the frequency of meetings of official language implementation committee of any office.
(A) Once in a month
(B) Once in three months
(C) Once in six months
(D) Once in twelve months</p> <p>96- Which is the fastest train in India.
(A) Rajdhani Express
(B) Duronto Express
(C) Gatiman Express
(D) Vande Bharat Express</p> |
|---|---|

AEN 70% LGS QUESTION PAPER CONDUCTED BY NAIR ON 19-02-2023

PROFESSIONAL SUBJECT, GK & RAJBHASHA (PART -A) AEN 70% EXAM NAIR 19 FEB 2023

(70 Ques to be attend out of 80 including 15 Ques on official language)

NOTE: 1- FOR PART-A OF AEN 70% QUESTION PAPERS, PLEASE REFER HBRO
VOLUME-I WRITTEN BY Er SUREH K SHEVRA

2- CORRECT ANSWERS SHOWN IN DARK BOLD LETTER IN OPTIONS.

ESTABLISHMENT & FINANCE (PART - B)

(30 Que to be attend out of 30)

- 1- In normal cases, maximum how many days' Medical Leave can be granted to a Railway employee residing in an area covered by Railway Health Service, without producing the Medical Certificate from Railway Medical Officer?
(A) 1 (B) 2
(C) 3 (D) 4
- 2- A Railway employee is required to give intimation to the department if the value of sale, purchase or both in shares, securities, debentures or mutual funds etc. by him in a year exceeds his _____ basic pay.
(A) 6 months (B) 5 months
(C) 4 months (D) 3 months
- 3- The maximum amount of study leave, which may be granted to a Railway employee of engineering department during his entire service is _____.
(A) 12 months (B) 36 months
(C) 48 months **(D) 24 months**
- 4- If a Railway employee is away from his headquarter on duty for 9 hours, he is entitled for _____ of the Daily Allowance rate.
(A) 30% **(B) 70%**
(C) 50% (D) 90%
- 5- For purchase of new house, the maximum amount of House Building Advance (HBA) is _____.
(A) 30 months basic pay subject to a maximum of Rs. 20 lakh
(B) 34 months basic pay subject to a maximum of Rs. 20 lakh
(C) 30 months basic pay subject to a maximum of Rs. 25 lakh
(D) 34 months basic pay subject to a maximum of Rs. 25 lakh
- 6- Other than exceptions mentioned in the rule, the reimbursement of Children Education Allowance is given only for _____ eldest surviving children.
(A) 1 **(B) 2**
(C) 3 (D) 4
- 7- Which of the following is not a "Major Penalty" as per the Railway Servants (Discipline & Appeal) Rules :
(A) Reduction by 2 stages in the time scale of pay, for 2 years
(B) Withholding of increment of pay for 1 year, with further directions that this will not have the effect of postponing the future increments
(C) Compulsory retirement
(D) Reduction to a lower time scale of pay, grade, post or service

AEN 30% LDCE QUESTION PAPER CONDUCTED BY NAIR ON 25-06-2023**PROFESSIONAL SUBJECT (PART - A) AEN 30% EXAM NAIR 25 JUNE 2023****(80 Ques to be attend out of 85)****NOTE: 1- FOR PART-A OF AEN 30% QUESTION PAPERS, PLEASE REFER HBRO
VOLUME-I WRITTEN BY Er SUREH K SHEVRA****2- CORRECT ANSWERS SHOWN IN DARK BOLD LETTER IN OPTIONS.****G.K. & RAJBHASHA (PART - B)****(40 Que to be attend out of 55)**

- | | | | |
|---|--|----|---|
| 1 | Garampani sanctuary is located at :
(A) Junagarh, Gujarat (B) Diphu, Assam
(C) Kohima, Nagaland (D) Gangtok, Sikkim | 7 | in which year did Sir Edmund Hilary and Sherpa
Tenzing Norgay reach the summit of Mount
Everest
(A) 1952 (B) 1953
(C) 1954 (D) 1955 |
| 2 | Who had invented Telephone?
(A) Alexander Graham Bell
(B) Guglielmo Marconi
(C) James Watt
(D) Alexander Fleming | 8 | Shaurya-Drishti-Karm Nishtha' is the motto of
which armed force of India?
(A) Indo-Tibetan Border Police
(B) Indian Coast Guard
(C) Border Security Force
(D) Assam Sentinels |
| 3 | Guwahati High Court is the judicature of which
state/ states ?
(A) Nagaland (B) Arunachal Pradesh
(C) Assam (D) All of the above | 9 | Which is called the steel city of India ?
(A) Jamshedpur (B) Bhilai
(C) Bokoro (D) Dugou |
| 4 | Who was the first Indian Commander-in-Chief of
the Indian Army?
(A) Field marshal K.M. Cariappa
(B) General K. S. Thimayya
(C) Gen. Maharaja Shri Rajendrasinghji
(D) None of the above | 10 | When any house of parliament (Lok Sabha or
Rajya Sabha) is adjourned without mentioning
the day for reassembly, it is known as :
(A) Adjournment of Debate
(B) Adjournment Sine die
(C) Adjournment of the sitting of the House
(D) None of the above |
| 5 | Escape velocity of a rocket fired from the earth
towards the moon is a velocity to get rid of the
(A) Earth's gravitational pull
(B) Moon's gravitational pull
(C) Centripetal force due to the earth's rotation
(D) Atmospheric Pressure | 11 | The highest law officer in India is
(A) Attorney General (B) Advocate General
(C) Additional General (D) None of Above |
| 6 | Fathometer is used to measure :
(A) Earthquake (B) Rainfall intensity
(C) Ocean depth (D) intensity of sound | 12 | Which statement is correct for Vande Bharat
Express
(A) was formerly known as Train 18
(B) it is electric multiple unit
(C) it is an occupation is made for low
maintenance and operational cost
(D) All of the above |

RECOMMENDED READING CODE , MANUALS & BOOKS

Vol-I Professional Subjects

1. Indian Railway P-Way Manual June 2020
2. Indian Railway Bridge Manual 1998
3. Indian Railway Works Manual 2000
4. Indian Railway Track Machine Manual 2019
5. Indian Railway Small Track Machine Manual 2005
6. Indian Railway Standard Track Manual Vol. I & II 1994 & 1989
7. Indian Railway General & Subsidiary Rules 2021
8. Indian Railways Schedule of Dimension BG 1676 mm 2022
9. Indian Railway Standard for Fusion Welding of Rails by the Alumino Thermic Process 2022
10. Manual for Ultra Sonic Testing of Rails & Welds revised 2022
11. Manual for Flash Butt Welding of Rails Revised 2012
12. Manual for Glued Insulated Rail Joints 2022.
13. IRGCC 2022
14. Model schedule of power 2018
15. Comprehensive guide lines for Railway Formation S.N RDSO-2020
16. P-Way Hand Books by Suresh K Shevra 2017
17. Practical Guide Book on Derailments by Suresh K Shevra 2017

Vol-II Other Than Professional Subjects

1. Indian Railway Code– Part.I 1997 (Chapter VIII) with last C/S 52
2. Indian Railways Accounts Code Vol.II .2023
3. Indian Railway Financial Code for vol -I.2022
4. Indian Railway Financial Code for vol -II Revised edition .2022
5. Indian Railway Code for the Engineering Department 2012(Chapter II to V, IX to XIV)
6. Indian Railway Code for the Stores Department- Vol I ,1990
(Excluding chapters XXV to XXX & XXXII).
7. Indian Railway Code for the Stores Department- Vol II ,1993
8. Indian Railway Establishment Code (Vol. I & II) 2008 & 2005 + C/S No 64
9. Policy regarding Raj Bhasha language and Rules
10. General Knowledge on Railways & Basics of computer
11. Operating Manual for Indian Railway 2008
12. Indian Railway commercial Manual vol-I 1992
13. Indian Railway commercial Manual vol-II 1991
14. Indian Railway Telecom Manual vol-I 2021
15. Indian Railway Signal Engineering Manual vol-I 1988
16. Indian Railway Signal Engineering Manual vol-II 2001
17. Indian Railway Rolling Stock Code .2022