

NORTH CENTRAL RAILWAY

Headquarters Office,
Prayagraj-211015.

No.797-E/Gaz/Gr. 'B' Sele./CBT-Spl./Optg./70%/NCR

Dated: 17.01.2024.

Principal Chief Operating Manager,

CTPM, CFTM, AGM, SDGM, GM/CORE, PFA, CAO/Const., CWMs: JHS & STLI Workshop, DRMs: PRYJ, AGC & JHS, Sr. DOMs: PRYJ, AGC & JHS, Sr. DPOs: PRYJ, AGC & JHS, Sr. DSOs: PRYJ, AGC & JHS, Sr.EDPMs: PRYJ, AGC & JHS, Dy. CPOs: Gaz., HQ, Const., Dy. CVO/Elect., Dy.CVOs, Dy.CTM/CNB, SPOs: IR, JHS & STLI Workshop, Sr. Law Officer, APO/IR & ALO/HQ, DOMs/AOMs: PRYJ, AGC & JHS, Principals: ETC/CNB, CETA/CNB, IRTMTC/PRYJ & STC/JHS, Sr. Statistical Officer/NCR.

NOTIFICATION

Sub: Selection for promotion from Group 'C' to Group 'B' to the post of AOM/ATM against 70% (PQ selection) for Operating Department in Pay Matrix Level-8, through Centralized Computer Based Objective Type Examination (CBT) -- Special drive to fill up vacancies.

Ref: Railway Board's letter No. E(GP)2022/2/4 dated 14.12.2023

1. In reference to above, Board has decided that a special Group 'B' Selection drive shall be carried out to fill up the Gazetted vacancies prevailing on the Railways. Accordingly, it has been decided to fill up these vacancies by holding another round of 70% Selection and 30% LDCE through centralized CBT for promotion to Group 'B' posts by NAIR. Examination (CBT) against 70% PQ selection to be conducted on 25.02.2024 by NAIR/BRC. There shall be no supplementary examination for this special 70% selection

The break-up of vacancies assessed for the Group 'B' post of AOM/ATM against 70% PQ selection for Operating Department are as under:-

Mode	UR	SC	ST	Total	Vacancy reserved for PwBD
70% PQ	01	01	01	03	01

Instructions regarding reservation with benchmark disabilities (PwBDs) issued by DoPT vide their OM No. 36012/1/2020-Estt.(Res.-II) dated 17.05.2022, circulated by Railway Board vide letter No. E(GP)2022/2/20 dated 18.08.2022 is being followed in the selections/LDCEs.


17/1/24

2. **Eligibility:-**

In terms of Railway Board's letter No. E(GP)2019/2/25 dated 27.12.2019, (RBE No. 216/2019), for Group 'B' selections (70% quota), Group 'C' employees working in Level-6 and above in Pay Matrix with 3 years of non-fortuitous service in Level-6 and above in Pay Matrix (including non-fortuitous service rendered in the corresponding pre-revised grade pay) will be eligible. The cut-off date for assessment of eligibility of candidates of this extra round of examination shall be retained as 01.01.2023.

The above is strictly based on integrated seniority list enclosed herewith as Annexure 'A' (Main List) and Annexure 'B' (Reserve List).

A provisional integrated seniority list of eligible employees of Operating Department of this Railway, who are eligible to appear in the selection is enclosed as Annexure 'A' (Main List) and Reserve List as Annexure 'B'. The employees in the Reserve List (Annexure 'B') may please note that they will be considered only to the extent of number of employees from the main list, who expressed unwillingness to attend the selection.

Eligible and willing employees (Annexure 'A' & 'B') must submit their application in prescribed Proforma in Annexure-'C' duly forwarded by immediate supervisor/Officer through proper channel to their respective Personnel Branch Officers concerned indicating their clear willingness/unwillingness to appear in the selection on or before **22.01.2024** and acknowledgement may be obtained. Applications received after **22.01.2024** should not be entertained and summarily rejected. If no application is received by any of the Office/Unit concerned, a certificate should be given to the Personnel Department of HQ/Division/Workshop/Unit concerned that no application has been received in their office.

3. **Scrutiny:**

The Controlling officers/respective Personnel officers are advised to verify details of the employees of Annexure 'A' & 'B' submitted by them in Annexure 'C' with their clear willingness/unwillingness and certify their correctness while forwarding them to this office. The consolidated statement in respect of such candidates as per the format in Annexure-'D' (in hard copy as well as in soft copy, in excel sheet) together with the individual applications, should be forwarded by the concerned Controlling officers/respective Personnel Officer to Gazetted Section, PCPO's Office/NCR/HQ on or before **24.01.2024**

In case a candidate is found ineligible for the above selection at any stage, his/her candidature will be summarily rejected. The application of the candidates working over head quarter should be submitted through APO/HQ/NCR/PRYJ and candidates working under Construction Organization should be submitted through Dy.CPO/Const./NCR/HQ/PRYJ.



It may be noted that those employees in the main list and reserved list who fail to express their Willingness/Unwillingness on or before **22.01.2024** will be presumed to be Unwilling to take part in the selection and subsequent claim, if any, in this regard will not be entertained under any circumstances.

It is not necessary that all the employees appearing in Annexure 'A' & 'B' from whom Willingness/Unwillingness and twice failed position has been sought will be eligible to be called in the selection. It will totally depend on their position in the final integrated seniority list because employees will be called in the selection as per the sliding scale keeping in view the vacancies available. The final eligible list will be issued keeping in view the willingness/unwillingness and twice failed position given by the employees.

4. Pre-Selection Training to SC & ST employees:

The SC & ST candidates shown in Annexure-'A' & 'B' are required to be given pre-selection coaching/training to be organised by the concerned department as per extant instruction contained in Railway Board's letter No. E(GP)2010/2/39 dated 28.08.2019 (RBE No. 142/2019). It is not necessary that all SC & ST candidates shown in Annexure 'A' & 'B' who will be imparted pre-selection training will be called in the selection. Calling them in the selection will depend upon their position in the integrated seniority list.

Dy. COMs/Sr.DOMs/DOMs/AOMs/Officers-in-charge will be personally responsible to spare the staff for pre-selection coaching/training well in time. In case any SC & ST candidate is not interested for pre-selection coaching/training, his/her written refusal may be obtained and sent to this office in original through special messenger before the date of written examination (CBT). All care has been taken to indicate SC & ST status by this office.

However, it may also be checked at your end and ensured that no SC & ST candidate is left out from pre-selection coaching/training and same may be advised to this office.

On completion of the Coaching/Training a certificate to this effect and schedule of pre-selection coaching containing date, time, venue, name of the lecturer, topics/subjects & attendance sheet of eligible SC & ST employees must be sent to this office. Proforma for sending the information is enclosed herewith as Annexure 'E'.

5. Syllabus:

A copy of the syllabus for 70% selection for promotion to Group 'B' posts of AOM/ATM in Operating Department, circulated by Railway Board vide letter E(GP)2022/2/4 dated 07.11.2022 is attached as Annexure-'F'.



6. Scheme of Examination:

In terms of Railway board's letter No. E(GP)2022/2/4 dated 07.10.2022, the examination through CBT shall comprise of one paper which shall have 100% Objective type Multiple Choice Questions only. The paper will be of 100 marks and the distribution will be as under-

a	Professional Subject including optional questions of 10 Marks on Official language policy & Rules	:	70 Marks
b	Establishment and financial Rules	:	30 Marks
c	Qualifying marks	:	60 marks with relaxation as per extant rules
d	Duration/ Time	:	Two Hours
e	There shall be negative marking for incorrect answers. One third of the marks allotted for each question will be deducted for every wrong answer (In terms of Para 4.3 of RBE No. 53/2019 dated 19.03.2019)		

7. Written and Viva-Voce:

This selection will comprise of Written/CBT examination followed by viva-voce test. Only those qualify in the Written/CBT examination and pass the prescribed standard of medical examination, as detailed in Railway Board's letters No. E(GP)80/2/8 dated 31/10/91, letter No. 99/H/5/3 dated 21.05.1999, & 18.12.2000, will be called for the Viva-voce test and without medical fitness certificate candidates will not be eligible for attending viva-voce test. In this regard provisions laid down in paras 529 and 530 read with para 503 of IRMM/Volume-I, 3rd Edition 2000, are relevant.

Sr. DPOs, Dy. CPOs, DPOs, SPOs, APOs & controlling officers of the employees may personally ensure that this notification has been communicated to the employees enlisted at Annexure- 'A' & 'B', without fail. Displaying of this notification in the prominent Notice Boards of the respective offices of HQ/Divisions/Workshops/Units may also be ensured.

The notification is also available on this Railway's website – www.ncr.indianrailways.gov.in

(About us → Department → Personnel → NCR Gazetted Section → CBT)

Receipt of this notification may please be acknowledged.

DA: As above.


 (Iftikhar Ahmad Khan)
 SPO/Gaz
 for General Manager (P)

Copy forwarded for kind information to:-

1. Secy. to GM

2. Secy., Estt. (GP), Railway Board, New Delhi
3. PS-I to PCOM.
4. PCPO, CPO/Admn, PCMD
5. CMSs: PRYJ, AGC, JHS & CNB
6. CPRO

Annexure – 'A'

Main List – Based on provisional inter-se-seniority list of Group 'C' employees of Operating / Department published/circulated vide letter No.797-ई/एनजी-II/परि/इण्टर सी वरीयता/09-11 पार्ट-II dated- 09.01.2024 for selection to the post of AOM/ATM against 70% PQ – Special Drive.

SN.	Name	Father's Name	Catg.	Design	STN	Divn/WS/ Unite
1	Sube Singh Meena	B.S. Meena	ST	CHC	TDL	PRYJ
2	S. K. Gupta	N. R. Gupta	UR	CHC	JHS	JHS
3	S.K.Kuril	Ram Krishan	SC	SM	BZM	JHS
4	Ramesh Chand Meena	Prabhu Dayal Meena	ST	SM	AF	AGC
5	Ajai Kumar	Muneshwar Singh	SC	CHC	GMC	PRYJ
6	Ram Babbu Sharma	Ram Asray Sharma	UR	DySS	AGC	AGC
7	Mohd.Shqeel Khan	Mohd. Jamil	UR	YM	JHS	JHS
8	Rajendra Singh	Karan Singh	SC	SM	RKM	AGC
9	Laxmi PD	Beni PD	SC	Mail-TM	GWL	JHS
10	Gyan Singh	Vipin Ram	SC	CHC	AGC	AGC

P. Chahal

Annexure 'B'

Reserve List - Based on provisional inter-se-seniority list of Group 'C' employees of Operating Department published/circulated vide letter No.797-ई/एनजी-II/परि/इण्टर सी वरीयता/09-11 पार्ट-II dated- 09.01.2024 for selection to the post of AOM/ATM against 70% PQ – Special Drive.

1	J. P. Bhargava	Jwala PD	UR	CHC	JHS	JHS
2	A. K. Singh	J. S. Niranjana	UR	CHC	JHS	JHS
3	R. K. Jaiswal	R. N. Jaiswal	UR	CHC	JHS	JHS
4	A. K. Verma	K. L. Verma	SC	CHC	JHS	JHS
5	Brijendra Kumar Sharma	Baboolal Sharma	UR	CHC	AGC	AGC
6	Hari Chand Anuragi	D D Anuragi	SC	Mail-TM		JHS
7	Ravindra Kumar	Harilal	SC	Mail-TM		JHS
8	Ramesh Lal Gupta	Ram Lal Gupta	UR	CHC	PRYJ	PRYJ
9	Kamlesh Kumar Verma	Laxman	SC	TI/N	BNDA	JHS
10	Mohan Lal Meena	Amo Chand Meena	ST	SS	OTD	AGC
11	A.P. Srivastava	M.M Srivastava	UR	DySS	AGC	AGC
12	Sunil Kumar Sharma	Ram Narayan Sharma	UR	CYM	BAAD	AGC
13	Roop Chand Meena	Bhairu Lal Meena	ST	TI	BL	AGC
14	Rustam Singh Meena	Kaluram Meena	ST	SS	BEDM	AGC
15	M.K.Gupta	Brijmohan Gupta	UR	ACOR	JHS	JHS
16	Suresh Kr. Ahirwar	Bare Lal	SC	MVI	JHS	JHS
17	Binda PD. Verma	Feran	SC	SM	KID	JHS
18	R.K.Verma	R.L.Verma	SC	SM	RRU	JHS
19	G.P.Meena	J.R.Meena	ST	DySM	MLAR	JHS
20	Arshad Mumtaz Siddiqui	Mumtaz Husain	UR	SS	PRYJ	PRYJ
21	Lakhan Lal Meena	Mangal Ram Meena	ST	Mail-TM	TDL	PRYJ
22	Laxmi Narain Meena	Budharam	ST	Mail-TM	TDL	PRYJ
23	Rahul Chaturvedi	D.N. Chaturvedi	UR	Mail-TM		JHS
24	Uday Nath Kachhap	Etwa Kachhap	ST	TM/MAIL	TDL	PRYJ
25	Augustin Minz	Harbart Minz	ST	SS	TDL	PRYJ
26	A. B. Khan	A. B. Khan	UR	CHC	JHS	JHS
27	Ghanshyam Meena	Ram Ji Lal Meena	ST	SS	DER	PRYJ
28	Santosh Kumar Pandey	Surya Prakash Pandey	UR	SS	HQ	PRYJ
29	Arun Kumar	Mauji Lal	UR	SS	PCOI	PRYJ
30	Mathias Sumbrui	Manki Sumbrui	ST	SS	CAR	PRYJ
31	Anil Kumar Pandey	Indra Dev Pandey	UR	SS	HQ	PRYJ
32	Anil Kumar Tiwari	Suresh Chandra Tiwari	UR	SS	CNB	PRYJ
33	Ram Sahay Meena	More Pal Meena	ST	Mail-TM	GWL	JHS
34	Dinesh Kr. Patairiya	Data Ram	SC	DySM	GWL	JHS
35	Shamim Akhtar	Daulat Hassain	UR	CHC	PRYJ	PRYJ
36	Lakhan Lal Meena	Jai Ram Meena	ST	CHC	TDL	PRYJ

37	Harsilal Meena	Ratiram Meena	ST	SS	WIR	PRYJ
38	Rajendra Kumar	Baboo Lal	SC	SM	JHS	JHS
39	Arvind Kapoor	B P Kapoor	UR	Mail-TM	JHS	JHS
40	Ashok Kumar	Basant Lal	SC	Sr.WMI	HQ	PRYJ
41	Mohan Paswan	Bijo Paswan	SC	SS	MKP	PRYJ
42	Baboo Chand Ram	Radha Krishan Ram	SC	CHC	GMC	PRYJ
43	Anil Kumar	Jyoti Prasad	SC	CHC	TDL	PRYJ
44	Damodar Lal Meena	Ramdhan Meena	ST	CHC	GMC	PRYJ

h. c. d. d.

Declaration to appear in selection to the post of AOM/ATM (Gr. -'B') against 70% PQ selection Special Drive to fill up vacancies for Operating Department.

(It is mandatory to fill each and every column with correct information)

1	I _____ (Name of employee) S/O Shri _____ appearing at Serial No. _____ in Annexure _____ declare that:-		
2	I am _____ (WILLING/UNWILLING) to appear in the written test (CBT) for selection to the post of AOM/ATM against 70% PQ selection vide notification No. 797-E/Gaz/Gr. 'B' Sele./CBT-Spl./Optg./70%/NCR dated 17.01.2024		
3	I PASS number (11 digit employee ID)		
4	HRMS ID		
5	Designation		
6	Mobile No.		
7	e-mail ID		
8	Place of posting		
9	Division/workshop/unit		
10	Controlling officer		
11	DOB (DD/MM/YYYY)		
12	Community (UR/SC/ST)		
13	PwBD or not (Yes/No)		
14	If yes, PwBD category		
15	If a PwBD, Whether entitled to scribe (Yes/No)		
15	I had earlier appeared in Written Examination of AOM/ATM Group 'B' against 70% PQ selection for which details are as under:-		
	SN	Date of written examination appeared earlier	Pass (Yes/No)
	a)		
	b)		
	c)		
16	I am aware that giving willingness does not entitle me to be compulsorily called in the Written Test (CBT), as it totally depends upon my position in the final inter-se-seniority as well as after finalisation of zone of consideration in terms of Para 3 of notification No. 797-E/Gaz/Gr. 'B' Sele./CBT-Spl./Optg./70%/NCR dated 17.01.2024		
17	I hereby declare that all the information given above are true, complete and correct to the best of my knowledge and belief. I understand that in the event of any information given herein, if found false or incorrect or concealed, my candidature will liable to be terminated and D&AR action can be taken against me for this.		

Affix recent passport
size colour
photograph of the
employee duly
attested

(Signature of the employee with date)

Name: _____

File No. _____

Dated: _____

Information furnished in the above table by the employee has been verified & found correct. Forwarded to Dy. CPO/Gaz/NCR/HQ/PRYJ for necessary action.

Signature of Personnel officer / Controlling officer
(with date & office seal)

Annexure -'D'

PROFORMA OF CONSOLIDATED STATEMENT FOR FORWARDING THE APPLICATIONS FOR SELECTION TO THE POST OF AOM/ATM (GROUP - 'B') AGAINST 70% PQ SELECTION FOR SPECIAL DRIVE TO FILL UP VACANCIES OF OPERATING DEPARTMENT

SN	Name (S/Shri)	Father's name	I PAS number (11 digit employee ID)	HRMS ID	Designation	Mobile No.	e-mail ID	Place of posting	Division/w orkshop/u nit	Controlling officer	DOB (DD/MM/Y YYY)	Community (UR/SC/ST)	PwBD or not (Yes/No)	If yes, PwBD category	If PwBD, whether entitled to scribe (Yes/No)	Willing / Unwilling
[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]	[9]	[10]	[11]	[12]	[13]	[14]	[15]	[16]	[17]

Note: I-PAS (Column-4) should be of 11 digits. In case the employee ID is less than 11 digits, equal number of zeros may be pre-fixed to make it 11 digit.

Signature of Personnel officer /
Controlling officer (with date & office seal)

Annexure - 'E'

Statement of pre-selection coaching of SC/ST employees for selection to the post of AOM/ATM (Group 'B') against
70% PQ selection- Special Drive held from _____ to _____

DATE	Duration/Time		Name of Officer/Lecturer	Venue	Subjects taught
	From	To			

Number of SC/ST candidates who attended pre selection training/coaching : _____

Number of SC/ST candidates who have given refusal to attend pre selection training/coaching : _____

Number of SC/ST candidates who remained absent during pre selection training/coaching: _____

Signature of Personnel officer/
Controlling officer
(with date & office seal)

6. SYLLABUS FOR 70% SELECTION & 30% LDCE FOR PROMOTION TO GROUP 'B' POSTS OF AOM & ACM IN THE TRAFFIC (TRANSPORTATION AND COMMERCIAL) DEPARTMENTS

A. TRAFFIC (TRANSPORTATION)

I. GENERAL Hierarchical set up and line of control of Operating Department at the Divisional, Zonal and Railway Board level.

II. TRAFFIC, TRAIN AND POWER CONTROL ORGANIZATION

- Objective and set up of Control Offices.
- Functions of Control Organization pertaining to Train Ordering, Punctuality, Maintenance of Operating Statistics, Wagon & Loco Stock Management, Blocks Management and Management during Accident & Unusual Situations/ Circumstances & Disaster Management.
- Duties and responsibilities of Chief Controllers, Dy. Chief Controllers, Sections Controllers, TNCs, Recorders and their Coordination with Lobbies, Station & Yards.
- Freight Train Operations (FTO) & Freight Train Ordering Principles with or without coordination with Crew Lobbies.
- Special Instructions during abnormal conditions of working & during emergencies like Cyclone, Civil Disturbances, and Accidents etc.
- Daily Performances Reporting from Stations/Yards/Sheds to Area Sub-control, Area Sub-control to Divisional Control Office and from Divisional Control Office to Zonal Control Office and from Zonal Control Office to Railway Board.
- Basic and important Documents/Registers maintained in Control Office and their basis.
- Periodical Performance Reporting and Analysis of Operating Performance along with compilation of Statistical Data.
- Power Control Organization - Engine and Crew Scheduling.
- Factors affecting Wagon & Engine utilization and methods of improvements.
- Working pertaining to issue of Caution Orders from Nominated and Notice Stations.
- Liaison / Co-ordination with Control Establishments of other Departments like Engineering, Traction Control, Signaling Control, Mechanical etc.

III. FREIGHT TRAIN OPERATIONS

- Functioning of Crew & Guard Lobbies.
- Integrated Lobbies.
- Crew Management: Assessment of Crew Requirement
- Running Room and its Management.

- Engine Utilization aspects requiring special attention: -
 - ❖ Engine Crew and Train Crew Schedule.
 - ❖ Rules regarding Outstation, Home Station Rest etc. to ensure observation of 10 Hour Rule or Rules applicable from time to time, Role of LI and Crew Control.
 - ❖ Power Plan: Assessment of Loco Requirement.
 - ❖ Movement of Dead Locomotives.
 - ❖ Management of Maintenance Schedule of Locomotives.
 - ❖ Shed and Traffic Outage of Locomotives.
 - ❖ Specific Fuel Consumption and Assessment of Fuel Requirement.
- Shunting Operations in Yards or Road side Stations.
- Working of Marshalling Yards & Transshipment Points.
- Causes of Yard and Section Congestion and remedial strategies.
- All India Marshalling Order and Railway-wise Marshalling Orders - Principles and Procedures.
- Rules regarding Carriage of Explosive and other General Goods.
- Preferential Traffic Schedule, Priority within same class and ODR.
- Indent Allotment and Supply of Freight Stock at Stations, Premium Indents and procedure to place Premium Indents, Allotment of Rakes in case of Quota Restrictions.
- Notified Stations.
- Wagon Stock Management for Loading and Unloading Operations.
- Imposition of Operating Restrictions on Wagon Loading and Acceptance of Wagon Indents, Cancellation and Withdrawal of Indents.
- Observance of Civil ban and Carriage of Contraband Goods etc,
- Important Documents/Registers maintained in Yards & at Stations.
- Familiarity with G&SR, Accident Manual, Operating Manual, Block Working Manual, Red Tariff, IR Act, 1989 etc.
- Wagon Turn Round Time (WTR) & Factors affecting Optimum Utilization of the Wagon Fleet and methods of improvement.
- Running of Unit Trains and formation of Captive Rakes.
 - Block Train Operations.
 - Nominated Day Loading.
 - Rationalization Scheme of movement of Freight Traffic for avoiding congestion by specific routes.
 - Merry-Go-Round (MGR) System.
 - Engine on Load (EOL) System.
 - Mini/Two Point/Multi Point Rake System.
 - Container Train Operation, Hub and Spoke system.
- Supervision and control over movement of Special type of Stock, ODC

Consignments.

- Maximum Moving Dimensions. Wagon Census.
- IT applications: -
 - ✓ Freight Operations Information System (FOIS): Rake Management System(RMS), Terminal Management System(TMS)
 - ✓ ICMS and Coaching Operations Information System(COIS)
 - ✓ COA
 - ✓ CMS
 - ✓ SATSANG
 - ✓ RTIS
- Relevant Rules and important Policy guidelines.
- C&W examination for STR, Intensive, Round Trips, Premium and Close Circuit Rakes.
- Sicklines and TXR Repair Depots including POH & ROH Depots and their functions.
- Supply of Coaches/Wagons to C&W shops for POH and special repairs, Cycle period of different Stocks and Workshop Feed Management.
- Working of Travelling Traffic Cranes for handling heavy Consignments at Intermediate Stations.
- Detaching of Sick Wagons at enroute Stations and their repair and clearance.
- Interchange transactions - Junction returns of Inter Railway Inter change Traffic.
- Weighment of Rakes, Electronic In-Motion Weighbridge, Automatic Pre Weighbin System, Nominated and Alternative Weighbridges, Load Adjustment, Exempted Commodities, Maintenance of Weighbridges and Role of Weights and Measures Department, Metrological Department and other Railway Departments, Integration of Weighbridge with FOIS.
- MIL RAIL.
- Permissible Axle Loads, Heavy Haul and Long Haul Operations, factors affecting Axle Load, Rules regarding Heavy Haul and Long Haul Operations.
- 'Payload' to 'Tare' Ratio of Wagons; Factors affecting Payload and Tare Weight.
- Concept of Convoy Trains.
- Foreign Traffic and its components/pattern.

Operating Statistics

- Definition, meaning and methods of compilation of the Primary, Fundamental and Derived units.
- Engine Tickets and maintenance of Engine Tickets
- Analysis of the Operating Statistics.
- Important Operating Efficiency Indices, their meaning and uses, WTR, NTKM, GTKM, Average Speed etc.
- Operating Ratio: Different types of Expenditures and Plan Heads, Revenue Earnings and Non-Revenue Earnings.

IV PASSENGER TRAINS OPERATIONS

- General Principles and Methodology of Time Tabling of Passenger Trains. Zero Based Time Tabling.
- Platform and Pit Occupancy Planning and Preparing Charts.
- Consultative Machinery for revision of Time Table at Divisional, Zonal and Railway Board levels.
- Publication of Working Time Table, Public Time Table & Sheet Time Table, Components of WTT and PTT.
- Punctuality of Passenger Carrying Trains.
- Factors affecting Punctuality of Passenger carrying Trains and methods of improving the Punctuality, Monitoring of Asset Failures and Planning of blocks for Track, Signal and OHE maintenance. Corridor Blocks, Integrated Maintenance Blocks.
- Augmentation of Train Loads for meeting Traffic requirements, Rules of Marshalling and Slip Coaches etc.
- Running of Tourists Coaches, Special Carriages and Special Trains.
- Planning & Running of Holiday Specials, Mela Specials, Tourist Specials, etc.
- Introduction of new Trains, extension of Train runs, introduction of Through and Sectional Coaches.
- Preparation of Engine Links, Driver/Guards Links & Rake Links.
- Commuter Service Operations.
- Vande Bharat Trains
- High Speed Corridors and Trains.

V. WORKING OF TRAINS GENERALLY AND GENERAL AND SUBSIDIARY RULES

- Responsibility and Function of Engine Crew before starting and while on run and during abnormal/unusual situations.

- Responsibility and function of Guard before starting and while on run and during abnormal/unusual situations.
- Role & Responsibility of Station Staff in Working of Trains.
- Various Systems of Working of Trains and Conditions for Granting LC.
- Classification of Stations, Standards of Interlocking, Signaling Systems, Equipment & their working.
- Station Working Rules and Block Working.
- Level Crossings.
- Line Capacity, Method of Calculating Line Capacity, Measures for augmenting it, Token less working, Centralized Traffic Control, Doubling, Automatic Block, IBS / IBH, Advanced Signaling and Interlocking.
- Combined Train Report, Guard's Rough Journal Book, Vehicle Guidance, Driver's Ticket, Brake Power Certificate etc.
- Rules regarding Marshalling of vehicles on Passenger, Mixed and Freight Trains.
- Air Brake Systems along with Continuity Test.
- Precautions to be taken on Ghat Sections.

VI. ACCIDENTS AND SAFETY ORGANIZATION

- Accidents, Types and their Classification, Causes and their Prevention.
- Functioning of Railway Safety Organization.
- Chief Commissioner of Railway Safety Organization and his Functions.
- Rules for reporting Accidents.
- Accident Relief Medical Equipment (ARMEs) & Accident Relief Trains (ARTs).
- Role & Responsibilities of various Officials and Departments during Accidents.
- Responsibility of the Control Organization Station Masters and Traffic Staff on the affected Section.
- Accidents Enquiries and DAR action against Staff held responsible for the Accidents, minimum recommended penalties in case of various Accidents.
- Review and Analysis of Accidents for taking Corrective Measures.
- Disaster Management on Indian Railways, Disaster Management Act, 2005, Disaster Management Plan, Role of NDMA and NDRF.

VII. ACCIDENTS PREVENTION

- Aptitude Testing of Station Masters, Loco Pilots and Motor Men, Components of Aptitude Testing.

- Psycho-Technical Analysis in case of Accidents attributed to Human Failures.
- SPAD and its Prevention.
- Train Operation during Fog, Fog PASS.
- Improved Technological Aids to prevent Human Errors like:
 - Improved Signaling and Inter-locking arrangement
 - SM's central and inter cabin control over route
 - Track circuit and Axle counters
 - Route Relay Inter-locking
 - Solid State Interlocking/Electronic Interlocking
 - Automatic Train Protection (ATP), KAVACH (TCAS - Train Collision Avoidance System)
 - Wheel Impact Load Detector (WILD)
 - End of Train Telemetry (EOTT) and its functions.
 - Centralised Traffic Control (CTC)
 - On Board Monitoring of Rolling Stock (OMRS).
- Refresher Courses, Safety Camps, Safety Campaigns and Safety Drives.
- Planning of PME and Refresher of Safety Category Staff.

VIII . PLANNING ON THE RAILWAYS

- Set up & Functions of Planning Wing on IR.
- Corporate Plan and Annual Plan, National Rail Plan, Mission 3000MT, National Logistics Policy.
- Traffic Survey.
- Calculation of Line Capacity.
- Traffic Planning and Augmentation of Line Capacity Works.
- Station Redevelopment.
- Doubling, Bypass & Flyover Planning Works.
- ESP, SIP, DPR, ROR etc
- Container Rail Terminals.
- Gati Shakti Terminals.
- Minimum Essential Facilities at Goods Sheds and Stations.

Syllabus for promotion to Group- B posts - 70% selection and 30% LDCE.

Syllabus for Establishment Rules:

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 workcharged posts.
5. The Railway Servants (Discipline & Appeal) Rules, 1968 and related instructions.
6. The Railway Services (Conduct) Rules, 1966 and related instructions.
7. Retirement benefits, qualifying service, pension, family pension, commutation gratuity, new pension scheme.
8. Staff welfare, SBF, Railway institutes, Railway schools, Ex-gratia payment, Incentive Bouns Scheme, Staff Grievances Redressal Mechanisms.
9. 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.
10. The Factories Act, 1948. The workmen's Compensation Act, 1923. Functions of Labour Enforcement Officers, Right to Information Act.
11. The scope of Information Technology in Railway e – office. HRMS, IPAS , LIMBS, ARPAN, CPGRAMS, ANUBHAV etc.

Syllabus for Financial Rules:

1. Parliamentary Control over Railway Finance, Public Accountability, Canons of Financial Propriety.
2. Railway Budget - Budgetary terms, Types of Budgets, Budget cycle, Demand of Grants, Budgetary and Financial Reviews.
3. Rules of Allocation - Classification of expenditure - Control of expenditure - Responsibility Accounting - Performance Budgeting - Exchequer Control - Financial Results of Working lines.
4. Works Programme - Financial justification of Works - Surveys - Preparation of Estimates - Capital Budget - Control over Capital Expenditure - Reappropriation of Funds.
5. Financial control over Stores Expenditure - Purchase and Stores Keeping Procedure - Inventory Control and ABC Analysis.
6. Financial & Cost Control in Railway Workshops/Sheds/Units.
7. Rules and procedure relating to Tenders and contracts for execution of works and Procurement of Stores, M&P Programme and RSP.
8. Procedure for Possessing and finalizing Audit Objections and Draft Paras.
9. Delegation of Powers.
10. Losses, Frauds and Embezzlements.
11. General Financial Rules
12. Government e-Market (GeM)
13. Classification of Railway Revenue (Earnings)
14. Information Technology in general with specific reference to Railway's IT Applications
15. Taxation matters with special focus on GST & Income Tax
16. Organization of CGA and C&AG
17. Any other topic felt necessary from time to time