

EAST CENTRAL RAILWAY

Office of the
General Manager(P)
Hajipur
Dated:- 04 .01.2024

File:- No.ECR-HQ0PERS(Gaz)/56/2023

Secy. to GM/ECR: For kind information of GM
PS-I to AGM: For kind information of AGM
SDGM/ECR/HJP & PCSTE/ECR/HJP
CAO(Con)(S&N)/MHX/ECR/PNBE
CAO/DLF/MEW, CAO/GELF/DMH, CAO/RWP/Bela, CAO/WPO/PNBE
General Manager (P)/NCR & CORE/Allahabad
CPD/RE/DNR
CSTE/Con/S&N/ECR/MHX/PNBE
CPO(A), CPD/RE/DNR
DRM/ECR/DNR, DDU, DHN, SEE & SPJ
CSO/ECR/HJP, CWM/PD/DDU, WS/SPJ & CRW/HRT
Sr.DPO/ECR/DNR, DDU, DHN, SEE & SPJ
Dy.CPO(Con.)/MHX/PNBE, Dy.CPO/WP/Patna
Sr. DSTEs/DSTEs/ECR/DNR, DDU, DHN, SEE & SPJ
Dy.CPO/IR&W/ECR/HJP, Dy.CPO/MPP/ECR/HJP & SPO/PD/DDU
Principal/ZRTI/E.C.Rly/Bhuli & MFP
APO/ESM & APO/M&E/HQ/HJP
APO/MPP/ECR/HJP : for uploading on website.
All Extra Divisional Units

Sub:-Selection for the post of Assistant Signal & Telecom Engineer(Group-'B') in Level-8 of Pay Matrix as 7th PC against 70% quota as a Special drive.

With approval of the General Manager/ECR, it has been decided to hold a selection for formation of the panel of 09 persons for the post of Assistant Signal & Telecom Engineer (Group-'B') against 70% quota over E.C. Railway as a Special drive through centralized CBT by NAIR in terms of Railway Board letter No. E(GP)2022/2/4 dated 14.12.2023, as per details given below: -

Selection	UR	SC	ST	Total	PwBD (*)
ASTE (Gr. 'B') 70%	05 (Five)	03 (Three)	01 (One)	09 (Nine)	01 (one)

(*) Horizontal Reservation in promotion to the persons with Benchmark Disability (PwBD):- Horizontal reservation for Locomotor Disability (LD)- One Arm (OA)/One Leg (OL), Leprosy Cured, Acid Attack victims as per Rly. Bd's L/No. E(GP)/2022/2/20 dated 18.08.2022 & 14.11.2022.

1. (a) Main Examination through CBT: 25th February, 2024.
(b) Venue & Time will be notified in due course.
(c) The extra round of Special examination shall be governed by the extant instructions governing promotion to Group 'B' posts. **However, there shall be no Supplementary examination for this special 70% Selection.**

2. Eligibility (As on 01.01.2023)

The list of Group 'C' employees of S&T Department (rendered not less than 03 years of non-fortuitous service as on 01.01.2023 in scale Rs. 5000-8000, V-PC/PB-2 Rs. 9300-34800/- with Grade Pay Rs. 4200/- VI-PC/Pay Matrix Level- 6 of VII PC & above), who are eligible to appear in the 70% selection and standby list are enclosed herewith and marked as Annexure- "A" and Annexure- "B" respectively containing 34 names [27 employees as per 3X formula + 06 against twice failed employees+01 from extended list of reserved category] in the main list and 34 names in the standby list in order of seniority. Candidates are advised to be in readiness to appear for written/Main examination to be held soon through Centralized CBT. The notification may be brought to the notice of the employees concerned enlisted in Annexure 'A' and Annexure 'B'.

Contd...2..

- (3) The above selection will be based on candidate's performance both in CBT/Written/Main examination, viva-voce and Record of Service. The candidates who qualify in the CBT/Written/Main examination followed by medical test and found fit in the requisite medical category will only be eligible for viva-voce test. The placement of the candidates in the panel will be based on their performance in the CBT/Written/Main examination, viva-voce & Record of service as per extant instruction of Railway Board. The candidature of the candidates is accepted provisionally. In case, any candidate is subsequently found ineligible for the above selection at any stage, his/her candidature will be rejected without any further notice.
- (4) The cut-off date of eligibility for candidates is **01.01.2023**.
- (5) The main & stand-by list of candidates of S&T Department who are eligible to appear in the selection to the post of ASTE(Gr.'B') against 70% quota are enclosed and marked as Annexure- 'A' and Annexure- 'B' respectively in order of seniority. Representation, if any, against the seniority position, omission/commission of any name may be sent to Dy.CPO(IR&W)/ECR/HJP through proper channel with a copy to Dy.CPO(Gaz.)/ECR/HJP within 02 days from the date of issue of this notification. No representation will be entertained after stipulated period in any circumstances.

The controlling officers should give wide publication to this notification amongst the eligible staff under their control and ensure submission of willingness/unwillingness & required details in prescribed proforma (Annexure-C) of all the eligible candidates enlisted.

The willingness/unwillingness with required details/information of all the eligible candidates enlisted in Annexure-"A" and Annexure- "B" may be sent to their controlling officer within the stipulated time. The last date for submission of willingness/unwillingness by the eligible candidates duly countersigned by their controlling officer to Dy.CPO/Gaz/ECR/HJP is **15.01.2024**.

- (6) Sr. DPOs/Personnel Officers of the Divisions/Units are requested to ensure that the Staff Welfare Inspector/Sectional Staff Welfare Inspector are deputed to obtain willingness/unwillingness with required details/information on the prescribed proforma (Annexure- "C") from the candidates (including staff on deputation/leave/sick) of Annexure- 'A' & 'B' and got verified from the concerned 'P' Branch. If any candidate refuses to provide willingness/unwillingness, the deputed Staff Welfare Inspector should submit a written report regarding non-submission of option by the candidates. Such candidates will be treated as unwilling for the above selection.

Above exercise should be completed within the target date and all the relevant papers should reach to Dy.CPO(Gaz.)/ECR/HJP by **15.01.2024** positively, so that a final list of eligible willing candidates may be published.

The controlling officers are also requested to co-ordinate with the Personnel Officers and staff to complete the above exercise within time frame.

- (7) **CBT/Written/Main Examination:-** The CBT/Written/Main examination will be conducted as per guidelines/instructions contained in Railway Board's letter No. E(GP)2018/2/31 dated 19.03.2019 (RBE No. 53/2019) &E(GP)2022/2/4 dated 07.10.2022. The CBT/Written/Main examination shall comprise of one paper which shall have 100% objective type multiple choice question only. The paper will be of 100 marks and the distribution will be as under:-

- | | |
|--|-----------|
| a) One paper on Professional Subject including optional questions of | |
| 10 marks on Official language policy & Rules:- | 70 marks |
| b) Establishment and Financial rules:- | 30 marks |
| c) Total:- | 100 marks |
| d) Qualifying marks:- | 60 marks. |
| e) Duration of examination:- | 02 Hours. |

All Objective type questions will carry equal marks. There shall be negative marking for incorrect answers. One-third of the marks allotted for each question will be deducted for every wrong answer.

Since ASTE is safety post, no relaxation is admissible to SC/ST candidates as per extant rules.

- (8) Viva-voce & Record of service:-

	Maximum Marks	Qualifying Marks
Viva-voce	25	30 (including at least 15 marks in the Record of Service)
Record of service	25	

- (9) **Syllabus:-** In terms of Rly. Bd's Letter No. E(GP)2022/2/4 dated 07.11.2022, copy of syllabus for above selection is attached as Annexure-'D'.

- (10) **TRAINING OF SC/ST CANDIDATES:**

In terms of Railway Board's letter No. E(GP)2022/2/4 dated 18.10.2022, before conducting written/main examination, mandatory Pre-selection coaching classes of 60 hours/15 working days to all **SC/ST eligible candidates** will be arranged by the department concerned. PCSTE/ECR/HJP will nominate JAG or above officers of S&T Department as in-charge of pre-selection coaching for the SC/ST candidates. The in-charge(s) will also intimate the date and venue of the pre-selection coaching to the eligible SC/ST candidates in due course.

If any SC/ST candidate refuses to undergo pre-selection coaching, a written undertaking should be obtained from him. The controlling officers should ensure that the SC/ST candidates under their control are spared without fail on time to participate in the coaching. The SC/ST candidates are also advised to insist their controlling officers, in their own interest, to spare them for the said coaching.

- (10.1) **Duty of the in-charge of Pre-selection Coaching (To be nominated by the concerned PHOD):**

- To inform in writing through special messenger to the eligible SC/ST employee regarding date, time & venue of coaching.
- To obtain in writing unwillingness to attend the coaching, if any, from the eligible SC/ST employees.
- To co-ordinate and arrange sparing of the eligible candidates.
- To chalk out coaching schedule.

- (10.2) **Duty of Controlling Officer:-**

To spare the candidates under their control without fail in time with the direction to participate in the pre-selection coaching as well as to appear in the written/main examination also.

- (10.3) **Duty of concerned SC/ST applicant:-**

- To arrange their sparing from duty by insisting their controlling officers in their own interest.
- If any problem occurs in sparing, the candidate should report in writing to concerned in-charge of Pre-Selection coaching on the same date. No representation will be entertained in case of failure to report to the concerned in-charge of pre-selection coaching and it will be deemed to be refusal for the same.
- Failure of concerned SC/ST employees to avail pre-selection coaching on any account including leave etc. will be considered on their part and no supplementary coaching will be organized in any circumstances.
- No appeal will be entertained by GM(P)/ECR/HJP office after completion of pre-selection coaching.

After completion of pre-selection coaching, the in-charge of the pre-selection coaching will give a written report along with all supporting papers including attendance sheet of SC/ST participants to Dy.CPO/Gaz/HJP latest by **16.02.2024** for records and further action.

- (11) Concerned Personnel Branch officer & controlling officers should ensure submission of up-dated service records and APARs of last 05 years and DAR/Vig. Clearance in respect of staff declared qualified for the viva-voce in due course/immediately after publication of the result of CBT/Written/Main examination through special messenger to SPO/Gaz/ECR/HJP.
- (12) The above selection will be held as per procedure laid down in Master Circular- 68, governing promotion from Gr. 'C' to Gr. 'B' issued by the Railway Board and the instructions issued from time to time. The said master circular is available on website www.indianrailways.gov.in....>ministry of railway...>railway board> Directorate... >Establishment...>E(GP) Master Circular. The department/division/unit should ensure the compliance of instructions of Master Circular- 68 and other instructions issued from time to time.

Please acknowledge receipt.

DA : Annexure- 'A', 'B', 'C' & 'D'

Digitally Signed by Alok

Srivastava

Date: 04-01-2024 18:42:59

Reason: Approved

(Alok Srivastava)

SPO(Gaz.)

For General Manager(P)/ECR/HJP

Main list of eligible candidates for appearing in the selection to the post of ASTE (Gr. "B") against 70% quota

Sl. No.	Name (Sri)	Present Designation	Level	Community	HRMS-ID	Working Station	Division/ Unit	DOB	DOA
1	Rajesh Kumar	SSE/Sig	Level-7	UR	FPFGZS	HQ/HJP	DDU	10.07.73	15.10.01
2	Sanjay Kumar	SSE/Tele	Level-7	UR	IGYZYG	DNR/S	DNR	12.01.66	26.08.87
3	N.J.Sahay	SSE/Tele	Level-7	UR	FXytiJ	HQ/HJP	DHN	26.08.65	28.08.87
4	Yogeshwar Prasad	SSE/Tele	Level-7	UR	HYGAZE	HQ/HJP	SEE	01.02.64	11.04.88
5	B.K.Minj	SSE/Sig	Level-7	ST	HWIMTM	C/DHN	DHN	15.03.67	22.04.91
6	N.L.Hansda	SSE/Tele	Level-7	ST	FWUZSC	DHN	DHN	01.01.65	02.11.98
7	Sharif Nag	SSE/Sig	Level-7	ST	DSTXAZ	SEE	SEE	27.04.64	28.02.92
8	B.Islam	Sse/sig	Level-7	UR	UAIMOW	DHN/W	DHN	04.05.70	22.04.91
9	Shailesh Nandan	SSE/Sig	Level-7	UR	PXJQRC	DNR	DNR	08.09.68	22.04.91
10	Brajesh Kumar Mehta	SSE/Sig	Level-7	UR	AXQFQI	JHD	DNR	25.10.69	20.08.91
11	R.P.Singh	SSE/Sig	Level-7	UR	CFOGOM	DDU	DDU	10.12.66	21.08.96
12	Pushakar Paral	SSE/Sig	Level-7	UR	FRATCQ	KGG	SEE	20.10.64	22.07.92
13	Rajan Kumar Gupta	SSE/Sig	Level-7	UR	YQMJKW	HQ/HJP	DNR	26.02.73	06.01.97
14	Avinash Kumar	SSE/Sig	Level-7	UR	ZUIYHN	Vig/HJP	DNR	05.09.73	07.07.05
15	P.K.Sinha	SSE/Sig	Level-7	UR	DYUQIF	DDU	DDU	20.11.72	07.07.05
16	Pramod Kr. Srivastava	SSE/Sig	Level-7	UR	WXYEXM	HQ/HJP	SEE	06.07.73	06.03.06
17	Birendra Kumar	SSE/Tele	Level-7	UR	DTFRMY	JAJ	DNR	24.02.75	10.03.06
18	Dinesh pd	SSE/TELE	Level-7	OBC	XQIYWX	MHX	DNR	27.01.73	15.02.99
19	A.P.Singh	SSE/Tele	Level-7	UR	ADFMLT	HJP	DNR	10.02.64	10.04.88
20	P.N.Singh	SSE/Tele	Level-7	UR	NCDDAM	BXR	DNR	18.01.64	02.11.89
21	M.R.Shakri	SSE/Tele	Level-7	UR	HMCPMJ	DNR	DNR	15.09.67	03.07.89
22	A.K.Singh	SSE/Tele	Level-7	OBC	HSDPMH	CPU	DHN	04.06.75	01.02.00
23	Manoj Kumar Singh	SSE/Sig	Level-7	UR	ATQJXO	HQ/HJP	DHN	24.08.70	23.12.93
24	S.K.Srivastava	SSE/Sig	Level-7	UR	PUPUWO	DDU	DDU	30.06.69	22.12.93
25	Mukund Nath Rana	SSE/Sig	Level-7	OBC	TXCUWD	DHN/W	DHN	09.09.72	12.02.07
26	Sunil Upadhayay	SSE/Sig	Level-7	UR	PGYCRW	CSTE/MHX	DNR	10.11.72	19.06.97
27	Mahendra Kumar	SSE/Sig	Level-7	SC	SQWOWU	DNR	SPJ	05.05.71	26.06.07/ 01.08.08
28	M.K.Sinha	SSE/Sig	Level-7	UR	JIOBFT	Con/MHx	DNR	20.04.77	09.07.07
29	Kameshwer Singh	SSE/Sig	Level-7	UR	CFKEEE	Con/DNR	DNR	17.01.67	20.08.91
30	Koushlendra Kumar	SSE/Sig	Level-7	OBC	ERWMEJ	DHN	DHN	08.09.75	16.02.08
31	Suman Saurabh	SSE/Tele	Level-7	OBC	QTDGPC	CPU	DHN	14.01.78	06.03.08
32	Jitendra Kumar	SSE/Tele	Level-7	UR	DXGPPL	DDU	DDU	05.09.76	25.08.04
33	Ranjan Kumar	SSE/Sig	Level-7	OBC	BZBDKF	DBG	SPJ	05.10.76	24.09.05/ 03.11.06
34	Haribansh Ram	SSE/Tele	Level-7	SC	JIXBWC	T/G	DDU	13.07.68	10.09.87

(Thirtyfour names only)

Digitally Signed by Alok

Srivastava

Date: 04-01-2024 18:43:54

(Alok Srivastava)

Reason: Approved

SPO(Gaz.)

ForGeneral Manager(P)/ECR/HJP

Standby list of candidates for appearing in the selection to the post of ASTE (Gr. "B") against
70% quota against unwillingness of staffs from main list

Sl. No.	Name (Sri)	Present Designation	Level	Community	HRMS-ID	Working Station	Division/ Unit	DOB	DOA
1	Sanjay Kumar	SSE/Tele	Level-7	UR	TRNPCZ	HQ/HJP	DNR	16.03.72	15.05.06
2	M.K.Tiwari	SSE/Sig	Level-7	UR	JJOYEW	HQ/HJP	DDU	04.01.72	14.07.98
3	Binod Kr. Singh	SSE/Drg	Level-7	UR	TACLFR	DHN	HQ/HJP	15.12.70	02.02.01
4	A.K.Shaha	SSE/Drg	Level-7	UR	BCZICT	DDU	HQ/HJP	05.02.73	11.04.02
5	Subodh Kumar	SSE/Drg	Level-7	UR	QLWLWB	DHN	HQ/HJP	03.06.69	19.05.00
6	Vikash Verman	SSE/Drg	Level-7	UR	HDNASY	DHN	HQ/HJP	27.01.70	03.06.99
7	Tarakant Choudhary	SSE/Drg	Level-7	UR	GOIGPG	HQ/HJP	HQ/HJP	15.01.73	05.09.01
8	Dilip Kumar	SSE/Drg	Level-7	UR	WYMIOP	HQ/HJP	HQ/HJP	02.11.73	05.09.01
9	Vijay Kr. Sinha	SSE/Tele	Level-7	UR	UCULSY	HQ/HJP	DNR	25.01.64	01.05.88
10	Punita Kumari	SSE/Tele	Level-7	UR	OBXLCG	Con/MHX	DNR	01.08.75	01.02.00
11	S.C.Sharma	SSE/Tele	Level-7	UR	ETGEAI	T/G	DDU	03.01.68	30.10.92
12	R.A.Verma	SSE/Tele	Level-7	UR	EWPMCH	Vig/HJP	DHN	25.06.76	25.01.02
13	Jahangir Alam	SSE/Sig	Level-7	UR	BCPUFS	GAYA	DDU	01.01.65	08.12.95
14	Om Prakash	SSE/Sig	Level-7	SC	BCPUFS	DDU	DDU	31.01.66	29.03.89
15	Narendra Pratap	SSE/Sig	Level-7	UR	NRBCYW	DOS	DDU	24.04.70	08.12.95
16	Ram Prasad Bauri	SSE/Tele	Level-7	SC	FCJWMJ	DHN	DHN	11.11.75	27.02.04
17	Dhananjay Kumar	SSE/Sig	Level-7	SC	YCFJNR	GAYA	DDU	14.09.75	24.09.05
18	Sanjay Kumar	SSE/Sig	Level-7	UR	TLOQKD	GAYA	DDU	09.01.68	12.01.88
19	M.L.Mourya	SSE/Sig	Level-7	UR	RRANXA	W/DDU	DDU	18.10.64	20.03.89
20	Ashok Kumar Rai	SSE/Sig	Level-7	UR	PNWXUY	DDU	DDU	03.08.67	29.03.89
21	Grija Prasad	SSE/Sig	Level-7	UR	ZZSTNQ	DDU	DDU	01.03.64	29.03.89
22	Dhruv Kr. Srivastava	SSE/Sig	Level-7	UR	GCFPIJ	CON/SPJ	SPJ	04.12.74	11.06.98 29.12.99
23	Kumar Ritesh	SSE/Tele	Level-7	UR	IELDWO	Diput. at DNR	SPJ	03.09.80	25.01.02 14.08.03
24	Ran Vijay Kumar	SSE/Tele	Level-7	UR	GUUWGU	Vig/HJP	SPJ	01.03.77	25.01.02 14.08.03
25	Shweta Kumari	SSE/DRG	Level-7	UR	RJITGE	HQ/HJP	HQ/HJP	22.01.79	02.06.08
26	Rajeev Kumar	SSE/Tele	Level-7	UR	XWUKEL	BMKI	SPJ	20.12.84	20.06.09 01.07.10
27	Sameer Kumar	SSE/Tele	Level-7	UR	WGAAOD	PNBE	DNR	20.01.77	11.04.07
28	Ashok Kumar	SSE/Tele	Level-7	UR	XKWYFA	SPJ	SPJ	16.03.69	16.06.88
29	Kailash	SSE/Sig	Level-7	SC	BUFIY	SPJ	SPJ	11.07.80	21.07.05 19.01.07
30	Sanjay Kr. Jha	SSE/Tele	Level-7	UR	HSXEHG	DBG	SPJ	15.02.71	26.03.99
31	Ram Ashish Prasad	SSE/Sig	Level-7	SC	BFXWL	THB	SEE	13.04.66	22.02.88
32	K.N.Rai	SSE/Sig	Level-7	UR	YANOJH	DHN/W	DHN	07.09.73	22.10.01
33	Ravindra Kumar	SSE/Sig	Level-7	SC	OOPCNC	PEH	DHN	01.01.79	18.11.09
34	Satish Chandra	SSE/Sig	Level-7	OBC	ESKEBM	KQR	KQR	01.03.77	18.11.09

Digitally Signed by Alok

Srivastava

Date: 04-01-2024 18:44:40

Reason: Approved

(Alok Srivastava)

SPO(Gaz.)

ForGeneral Manager(P)/ECR/HJP

ANNEXURE –‘C’

To,

The General Manager (P)
East Central Railway,
Hajipur

Sub:-Selection to the post of ASTE (Gr.'B') against 70% quota as special drive.

Sir,

1. I.....Designation.....Station.....

.....hereby acknowledge the receipt of the above notification.

2. I am(willing/unwilling)to participate in the above selection.

3. Other details/information for Gr.'B' Selection are given below;-

Sl. No.	Particular	Filled by candidate
01	Name of applicant	
02	IPASS Number	
03	HRMS ID	
04	Designation	
05	Mobile No.	
06	Email.ID	
07	Place of posting	
08	Division/workshop/unit	
09	Controlling officer	
10	DOB (DD/MM/YYYY)	
11	Community (UR/SC/ST)	
12	Whether belong to PwBD (more than 40%), if yes, chose the correct sub category as per notification	
13	Whether a PwBD requiring scribe (Yes/No)	

Your's faithfully

Dated:

Signature of the candidate

Sl.No. in the list of

Annexure A –

Annexure B –

Forwarded by

Signature of the controlling officer

Designation:

Stamp:

Signature of concerned (P) Branch officer

Designation:

Stamp:

Digitally Signed by Alok

Srivastava

Date: 04-01-2024 18:45:29

Reason: Approved

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

Syllabus for 70% Selection for Promotion to Group 'B' post of ASTE in Signalling & Telecommunication Department

Part – A - Professional Subjects

I. Signalling :

- Basics of Signalling
- Principles of Interlocking, Signal Interlocking Plan, Route holding principles, Table of Control
- Colour Light Signal concepts
- Signalling Elements – Relays, Cables, LED Signals, Point Machines, Track Circuits (DC, AC & AFTC), Axle Counters (SSDAC & MSDAC), Block instruments, Integrated Power Supply, Interlocked Level Crossing Gates and Data Loggers
- Automatic Signalling
- Intermediate Block Signalling, BPAC, UFSBI
- RE Modifications
- Relay Interlocking concepts - Metal to Carbon, Metal to Metal, Panel Interlocking and Route Relay Interlocking
- Electronic Interlocking – Principles, Configuration, Interface logic, Application logic, VDU logic, FAT, SAT, Technical System Approval
- Earthing, Lightning and Surge protection arrangements
- Train Protection Systems – TPWS, Kavach
- Centralised Traffic Control (CTC) , Train Management System (TMS)
- Execution of S&T Infrastructure works – Planning, Execution, CRS sanction, Documentation, Testing and Commissioning

II. Telecommunications –

- Outdoor and Indoor Telecom cable system, jointing procedures, and maintenance and fault localisation methods, laying practices and precaution at work site
- Control Communication, OFC based, VoIP based, Emergency Control Communication, Voice Logger, COA
- Telephone Instruments, Signalling principles of Telephone Exchanges, Automatic, ISDN, and VoIP Telephone Exchanges
- PCM-TDM Principles, PD multiplexers, SDH principles and SDH equipment's
- Modulation techniques and radio propagation
- VHF, UHF, Tetra, GSM-R, LTE-R
- OFC Communication systems, OFC Splicing, Measurements and laying practices
- Data Communication and IP networks, IP-MPLS, Data networks of IR, PRS, UTS, FOIS, TMS, NMS, Wi-Fi at stations, Firewalls/UTM, Cyber security and Wireless security
- Public address system, Passenger information systems and VSS

III. Codes & Manuals

- General Rules

- Railways (Opening for Public Carriage of Passengers) Rules
- Indian Railways schedule of dimensions
- Indian Railway Signal Engineering Manual
- Indian Railway Telecom Manual
- Accident Manual
- Block working Manual
- Extracts of Operating manual for Indian Railways, Indian Railways manual of AC Traction Maintenance and Operation and Indian Railways Permanent Way Manual relevant for Signal & Telecom Engineers

IV. Workshop Practices

- Raw material processing
- Workshop Machines and their utilisation
- Overhauling procedure and practices
- Inspection and testing of components
- Testing procedures of Block Instruments , Relays, Point Machines, IPS, EoLB, Track Feed Battery Chargers, EKTs, Control Panels and Mechanical Items
- RDSO approval procedure and Renewal
- Production Management Plan
- Quality control and Safety Practices
- Calibration of instruments and machines
- ISO/IMS Certification for workshops
- Scrap disposal
- Workshop suspense
- Costing of products
- Incentive schemes

Part-B - Official Language

Official Language - Official Language Policy, Act, Rules, Incentive Schemes etc.