



दक्षिण पूर्व मध्य रेलवे



South East Central Railway

मुख्यालय, कार्मिक विभाग, प्रथम तल, महाप्रबंधक कार्यालय, बिलासपुर (छ. ग.) 495004
HEADQUARTER, PERSONNEL DEPARTMENT, 1st FLOOR, GM's OFFICE, BILASPUR(C.G.) 495004

No. P-HQ/CON/452/e-74499/S&T/532

Date: 13.07.2022

PCSTE, CSE, CSTE(CON)/SECR, SDGM/SECR
CSO, CM(IT), CPO(A)/SECR, CPM/RVNL/RAIPUR, Director/RDSO/LKO
DRM/BSP, R & NGP, CWM/WRS/R, CWM/MIB/NGP,
Dy CPO (HRD), Dy CPO(HQ), Dy CPO(CON)/BSP
CPO/SER/GRC & ECoR/BBS, Director/IRSET/Secunderabad
CHAIRMAN /RRB/BSP.

Sub: Selection for formation of a panel of ASTE/ADSTE (Gr 'B') against 30% LDCE in S&T department, SEC Railway

Ref: - This office notification No. P-HQ/CON/452/1/S&T/ dtd. 10.03.2016,
[copy enclosed for ready reference]

In reference to the above, willingness/ unwillingness from eligible Group-C Senior Supervisor (Technical) candidates were called for selection for formation of a panel of 03 posts (i.e UR-01, SC-01, ST-01) of ASTE/ADSTE (Gr 'B') against 30% LDCE in S&T department, SEC Railway. The competent authority has decided to conduct written test for the said selection on **03/08/2022 (Wednesday) at DV Hall, RRB/Bilaspur**. The LDCE examination will be conducted in terms of Board's letter No.E(GP)88/2/111, Date:20/08/1991, following the old pattern/ scheme, details as mentioned below. It is to be noted that being a 30%-LDCE, no supplementary examination will be held under any circumstances.

Date	Time	Subject	Full marks	Qualifying marks
03/08/2022 (Wednesday)	10.00 hrs to 13.00 hrs	Paper-I (Professional subject & General Knowledge)	150	90
	14.30 hrs to 17.30 hrs	Paper-II (Professional subject, Establishment & Financial Rules.	150	90

2. A provisional list of eligible candidates (Roll. No.01 to 50 only) is enclosed as Annexure 'A'. It is made clear that employees concerned should clearly satisfy themselves regarding their eligibility condition, in terms of grade, length of non-fortuitous service and holding lien in S E C Railway. Provisional consideration of selection based on available records will not preclude summarily debarring/ disqualifying ineligible candidates at any stage. All eligible candidates (Roll No. 01 to 50) may only be released and directed to report to the Nodal officer on the scheduled date at the venue half an hour before to start of the examination with their proper identification memo. The format of identification memo is enclosed as Annexure 'B'. It may be noted that individual identification memo should be given to each candidate.

3. In case any candidate is on leave or on deputation to other Railways/Units or on sick list, the controlling officer concerned should send necessary advice to the authority under whom he is working or the medical authority as the case may be and an acknowledgement obtained. This may be ensured to avoid any representation

later on this issue and the fact that there is no supplementary examination will be held under any circumstances.

4. The concerned Sr DPO's/Dy CPO's shall ensure that this circular is brought to the notice of all eligible candidates/ employees working in their respective organizations or belonging to them.

5. The Controlling Officers, Sr.DPOs/ DPOs should ensure that the ACR's (APAR's) of the candidates who have volunteered for the above examination, for the last 05 years complete in all respects and their updated Service records are available to be sent to Dy.CPO (Gaz) at short notice.

6. If any prospective candidate has any issue regarding his present Designation, Unit, place of posting etc. the same can be submitted to the Gazetted Section of this office by **20.07.2022**, which will be examined with reference to extant rules. Any representation received after **20.07.2022** will not be acted upon.

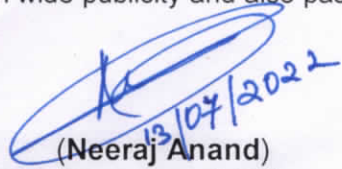
7. Syllabus for the Professional subject, Establishment & Finance parts of the written test is being enclosed in **Annexure 'C'**, which may be circulated widely among the unit and staff also. This syllabus is indicative and not necessarily exhaustive. It may also be noted that official languages rules & provisions will also form part of syllabus against paper-I; though answering questions on this topic will not be mandatory.

8. In case any of the candidates mentioned in Annexure- 'A' have been transferred to other stations of SECR or have been send on deputation etc. in the interregnum, the concerned Controlling Officer/ Personnel Officer are advised for intimating the candidates suitably; under intimation to this office. However, where the lien of such candidates has been transferred out of SECR, this office may kindly be advised immediately for further action.

9. The pre-selection coaching to the reserved community candidates (SC/ST) is being conducted by PCSTE/SECR from **20.06.2022 to 18.07.2022**.

The notification is also available in this **Railway's website- <http://www.secr.indianrailways.gov.in/Recruitment-HQ-Gazetted> Section**. All unit-In charge and concerned Personnel Officers shall ensure that the notification is given wide publicity and also pasted in the Notice board.

Encl: As above .


(Neeraj Anand)
Dy.Chief Personnel Officer (Gaz)
for Principal Chief Personnel Officer

Copy forwarded for information and necessary action to:

- Secy. to GM/SECR, PS to AGMSECR – for kind information please.
- Sr.DPO/BSP, R, NGP, Sr.DSTE/BSP, R, NGP
- All Personnel Department Officer/HQ/SECR
- AWPO/WRS/R & AWPO/WS/MIB, Principal/MDTC/BSP
- Asstt. Secretary (RRB)/BSP
- GS/SECRM/BSP, GS/SECRPOA, GS/AISC-ST/ASSOCIATION/BSP
- Notice Board

For Principal Chief Personnel Officer

ANNEXURE 'A'

Provisional Eligibility List for the Group 'B' selection post of ASTE/ADSTE against 30% LDCE quota

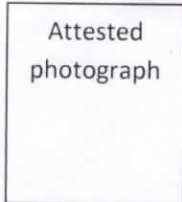
S.No	Name (Shri/Smt.)	Desig	Com m	DOB	DOA	Present Grade	Unit	Date of Regular Promotion (5000-8000) GP 4200/-	Date of Regular Promotion (6500-10500) GP 4600/-
1	Neeraj Kumar Gupta	SSE/Sig./BYT	UR	31.07.1976	08.08.1998	4600	Raipur	09.09.2006	
2	B S V Sitarama Sarma	SSE/Tele/R	UR	31.07.1976	11.08.1999	4600	Raipur	11.08.1999	31.07.2007
3	Bal Gopal Dewangan	SSE/Sig/ CON/BSP	UR	01.03.1972	01.07.1999	4600	CON	01.07.1999	06.07.2007
4	Sudhir Kumar Mishra	SSE/Sig/R	UR	11.07.1981	16.02.2007	4600	Raipur	23.07.2008	
5	N K S Munda	SSE/Sig/PPYd	ST	27.01.1966	30.12.1988	4600	Raipur	30.12.1988	
6	Narendra Singh	SSE/Sig/R	UR	10.05.1970	13.08.1998	4600	Raipur	25.08.2008	10.02.2010
7	Ajay Kumar	SSE/Sig./TLD	UR	21.05.1980	15.10.2004	4600	Raipur	15.10.2004	
8	Sanjay kumar Agrawal	SSE(Sig.)/NGP	UR	15.07.1971	16.08.1997	4600	NGP	25.08.1999	17.10.2008
9	Nanhelal	SSE(Tele)/NGP	SC	03.09.1975	31.12.1999	4600	NGP	30.08.2001	18.09.2008
10	Yuvraj Sahu	SSE(Sig.)/Con/BSP	UR	15.10.1970	01.07.1999	4600	CON	13.08.2001	13.05.2008
11	Saroj Kumar Gupta	SSE(Tele)/RC/NGP	UR	19.01.1977	07.01.2002	4600	NGP	18.08.2003	17.10.2008
12	Ravi Shankar Shende	SSE/DRG/CON/BSP	SC	26.01.1974	03.10.2005	4600	CON	04.04.2007	
13	Mahendra Kumar	SSE/DRG/CON/NGP	SC	01.07.1982	26.10.2009	4600	CON	02.11.2010	
14	Suresh Tyagi	SSE/Sig/KP	UR	04.12.1965	20.10.1992	4600	NGP	09.09.2009	
15	P. Sanmukh rao	SSE/Sig/CON/BSP	UR	20.07.1982	23.07.2007	4600	CON	23.07.2007	
16	Gangadas kushwaha	SSE(Sig)/KAV	UR	05.06.1968	16.10.1992	4200	NGP	01.11.2003	
17	Rakesh Kumar Chaurasiya	SSE/Tele/BSP	UR	02.02.1969	21.06.1993	4800	BSP	07.07.1995	01.11.2003
18	Md.Sahid	SSE/Tele/SDL	UR	14.02.1971	08.10.1992	4600	BSP	01.09.1999	01.09.2008
19	Grillesh Kumar	SSE/Tele/KTE	SC	15.07.1977	01.01.2000	4800	BSP	22.09.2001	01.09.2008
20	Vineet Kumar Jain	SSE/Tele/SDL	UR	04.08.1971	12.08.1992	4600	BSP	11.04.2006	31.01.2013
21	Debashis Bagchi	SSE/Sig/BSP	SC	14.11.1966	01.02.1993	4800	BSP	01.02.1993	01.11.2003
22	Dinesh Prasad	SSE/Sig/KRBA	UR	25.02.1980	23.07.2007	4600	BSP	23.08.2008	
23	Indramani Sahu	SSE/Sig/CPH	UR	15.12.1973	20.08.1998	4600	BSP	13.09.2010	
24	Ratnakar Das	SSE/Sig/CON/BSP	UR	23.06.1967	19.08.1991	4600	CON	23.08.2010	
25	Rajesh Kumar Soni	SSE/Sig/Con/BSP	UR	24.09.1977	09.08.1999	4600	CON	10.08.2001	05.05.2008

Provisional Eligibility List for the Group 'B' selection post of ASTE/ADSTE against 30% LDCE quota

S.No	Name (Shri/Smt.)	Desig	Com	DOB	DOA	Present Grade	Unit	Date of Regular Promotion (5000-8000) GP 4200/-	Date of Regular Promotion (6500-10500) GP 4600/-
26	Pradeep Kumar	SSE/Tele/BSP	UR	15.06.1977	04.07.2005	4600	BSP	04.01.2007	1/11/2013
27	N.S.Dewangan	SSE/Tele/KRBA	UR	01.07.1974	08.06.2005	4600	BSP	27.12.2006	1/11/2013
28	Chandrabhas Sahu	SSE/Tele/BSP	UR	23.11.1977	23.06.2005	4600	BSP	27.08.2006	1/11/2013
29	Hareram Mishra	SSE/Tele/BRH	UR	06.05.1981	14.06.2005	4600	BSP	30.12.2006	1/11/2013
30	Viswas Trivedi	SSE/Sig/BSP	UR	20.12.1978	02.09.2004	4600	BSP	28.03.2006	
31	Devesh Kumar Garg	SSE/Sig/SDL	UR	01.07.1978	19.05.2005	4600	BSP	21.11.2006	1/11/2013
32	Prakash Kumar Jaishwal	SSE/Sig/CON/BSP	UR	05.10.1975	12.08.1998	4600	CON	18.08.2010	25/04/2017
33	Yatendra Kumar	SSE/Sig/BRB	UR	28.08.1982	23.07.2007	4600	BSP	19.08.2008	25/04/2017
34	Om Prakash Choudhary	SSE/Sig/BJRI	UR	27.07.1980	20.01.2009	4600	BSP	09.09.2010	
35	Ashwan Kumar Korram	SSE/Tele/BSP	ST	11.06.1974	02.08.2001	4800	BSP		23.05.2003
36	Biswajit Kundu	SSE/Tele/BRJN	UR	14.01.1975	01.07.1999	4800	BSP	21.09.2001	01.09.2008
37	Hemant Kumar	SSE/Sig/UMR	SC	04.04.1969	20.10.1992	4600	BSP	22.03.2005	
38	Raj Vir Singh	SSE/Sig/BSP	SC	01.08.1963	15.10.1992	4600	BSP	01.02.2003	10.03.2010
39	Awadesh Kumar Verma	SSE/Sig/CON/BSP	UR	30.06.1972	30.04.2005	4600	CON	30.04.2005	
40	Deepak Kumar	SSE/Sig/Proj.	SC	08.10.1969	06.06.2000	4600	CON/Proj.	25.07.2001	30.05.2005
41	Vinod Kumar Sharma	SSE/Sig	UR	02.08.1967	13.10.1992	4600	CON/Proj.	05.01.2006	
42	Sanjay Kamble	SSE/Sig/CON/BSP	SC	30.11.1973	18.08.2000	4800	CON		18.08.2000
43	Vineet Kumar Sinha	SSE/Sig/HQ, CVI	UR	30.09.1970	01.07.1999	4600	SDGM	01.07.1999	25.11.2011
44	Kashish Kumar Sahu	SSE/Tele/G/HQ	UR	18.06.1978	03.03.2008	4600	HQ		03.03.2008
45	Ashwani Prasad	SSE/Tele/Tech/BSP	UR	01.06.1977	03.03.2008	4600	BSP		03.03.2008
46	Jagdamb Kumar Mahito	JE/D&D/HQ	UR	05.01.1977	24.03.2005	4200	HQ	16.10.2006	
47	Madhubala Toppo	JE/Tele/BSP	ST	07.05.1979	16.06.2005	4200	BSP	16.06.2005	
48	Jiendra Kumar Sahoo	JE/I/Sig/HQ	UR	15.07.1968	10.08.1991	4200	HQ	15.07.2005	
49	Digvijay Nath	Instructor/S&T/MDTC	UR	10.04.1972	17.01.2000	4600	HQ	17.01.2000	05.02.2010
50	Shashi Ranjan Gupta	Safety Counsellor(S&T	UR	02.05.1975	09.08.1999	4600	HQ	26.05.2001	06.07.2007

PROFORMA FOR IDENTITY SLIP

Certified that the Identity of Shri/Smt.....
 Designation P F No....., (Roll No.....) who
 is a candidate for the post of ASTE/ADSTE (Group 'B') against 30% LDC Examination
 of SECR in terms of CPO's office Notification No.....
 Dated has been verified. His/ Her signature and photograph is attested below.



(Signature of the Controlling Officer/
 Supervisor with Office Seal)

(Signature of the Candidate)
 ATTESTED

Countersignature of the APO/DPO/WPO
 (Name -----)

N.B:-

1. The signature of the Controlling Officer/Supervisor should be in his own name and designation with Office Seal).
2. No cognizance will be given if the signature is by any one on behalf of the Controlling officer/ Supervisor.
3. It is the personal responsibility of the candidate to carry necessary proof to prove his Identity in examination hall by presenting proper identity slip as per proforma to satisfy the Officer-In-Charge/Invigilating Officer.

In case nothing is produced by the candidate, the Officer-In-Charge/ Invigilating Officer is to satisfy himself about the proper identity of the candidate and suitable record for the same is to be kept, otherwise he is to be debarred from sitting for the examination.

Syllabus (Revised) for 30% LDCE for Promotion Group 'B' ASTE in Signal & Telecommunication		
Department		
Maximum Marks 150	Paper-I	Pass Marks 90
General	Part-I	50 Marks
I. 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. * Official Language.		
II. General Mathematics * Arithmetic and statistical operations, graphs, fractions, percentage, sampling & averages * Geometry-area & volume up to Higher Secondary/12 th Standard level * Algebra, simultaneous equations etc up to Higher Secondary/12 th Standard level * Mechanics-Velocity & acceleration, work done, horse power etc up to Higher Secondary/12 th Standard level		
III. Strength of Material * Various Engineering materials and their properties, bearings, stress & strain, fatigue, hardness, corrosion & surface finish		
IV. Physics & Basic Electricity * Temperature & measurement * Mechanics- Newton's law of motion, Velocity & Acceleration, Work, Energy, Power, Archimedes's principle etc. * Heat & Work, expansion of solids, liquids & gases. * IC Engines, gas turbine heat recovery & thermal efficiency. Super charging & inter cooling * Ohm's law, Coulomb's law, Faraday's Law, Voltage, Current & Resistance, Wet & Dry Batteries, Power Factor * Simple motors & Dynamos-Principle of Working of Transformer, Relay, Fuse, Circuit Breaker * Power Supply, AC&DC, Rectifiers.		
Part-II		
Professional Subject		Marks 100
Note:- Four questions to be given from each part. Six questions to be answered, three from each part.		
Part A Rules & Manuals. Rules for Opening of a Railways, Signal Engineering Manual, Telecommunication Engineering Manual, Store Procedures and Practices, AC Traction Manual, Block Working Manual, Schedule of Dimensions, Operation Manual, Disaster Management, Accident Manual-Accident Classification, Causes of Accidents and their prevention, Duties of first Official reaching the Accident Site, Enquiries, Failure Analysis & Investigations.		
Part B Fundamental Engineering & Applied Technology, Simple Structures, Dynamics, Simple Machinery, Magnetism, Electricity, Sound, Electrical Machinery and Circuits, Fundamental Electronics & Electronic Circuits, Power Supply Equipment and Systems. Protection Systems against Lightning & Surges, Principles of Optics & Optical Fibre Cable, Principles of Digital Electronics-Boolean Algebra, Digital Devices and their Applications, Data Communication Principles & Information Technology-Familiarity with PC Specifications, Operating Systems-Windows, Operating and Application software, Basic LAN/WAN & Networking, Intranet/Internet.		

Maximum Marks 150	Paper-II	Pass Marks 90
Establishment and Financial Rules Part-I (50 Marks)		
I. Establishment Rules * General conditions of services of Railway servants including rules regarding leave, joining time, passes etc. * Railway Service D&A Rules-1968 & amendments * Railway Service Conduct Rules-1966 & amendments * Retirement benefits * Payment of wages, allowance & overtime * Labour laws including Payment of Wages Act, Workmen's Compensation Act, Hours of Employment Regulations, Factory Act, Contract Labour Act * Manpower Planning & Training * Welfare measures in Railways * PNM, JCM & PREM		
II. FINANCIAL RULES * Parliamentary control over Railway Finance-public accountability, canons of financial propriety. * Railway Budget-Budgetary terms, Types of Budgets, Budget cycle, Demand of Grants, Expenditure Classification * Rule for allocation-Classification of Expenditure, Control over expenditure-Responsibility of accounting performance budgeting, Exchequer, General Financial results of working * Work Programme-Financial justification of works, Survey, preparation of estimate, capital budget-Control over expenditure, capital expenditure, re-appropriation * Financial Control over store expenditure-Purchase and stores keeping procedure-inventory control * Financial and cost control in Railway Workshop * Rules and Procedure relating to tenders and contracts for execution of works and procurement of stores, M&P Programme * Procedure for processing and finalizing the audit objections and draft paras . * Delegation of Powers.		
Professional Subject	Part-II	100 Marks
Note:- Four question to be given from each part. Six questions to be answered, minimum one from each part and maximum three a part.		
Part A (Signalling) Mechanical & Electrical Interlocking, Interlocking plans and locking tables, Block Signaling, Electro-mechanical and Electrical Signaling, Automatic Signaling, Panel Interlocking, Route Relay Interlocking, Axle Counters, Track Circuits, Automatic Warning System, Train Protection & Warning System (TPWS) and/or Anti Collision Device (ACD), Centralized Traffic Control (CTC), <u>Electronic Interlocking (EI), Data Loggers & Networking, LED Signals, Block Proving by Axle Counters (BPAC), Audio Frequency Track Circuits (AFTC), Integrated Power Supply (IPS) etc.</u>		
Part B (Tele communication) Overhead and underground cable system, control office and way station and emergency control communication equipment, Telephone exchange-automatic, specialized communication and allied equipment like STM, DWDM etc in Railways, comprising HF, VHF and Microwave, GSM-R and/or Tetra for Mobile Train Radio, <i>OFC and Quad cable, Communication in RE area, Data Communication & IP Networks, Digital Electronic Exchanges, ISDN, Network Management Systems, networks for PRS, FOIS, TMS, UTS etc, Concept of GPS.</i>		
Part C Workshop Practice- Raw material, processing, Workshop machines and their utilization, Overhauling Procedure and Practices, Inspection and Testing of components, Testing Procedure, commissioning		

and measurement, Integration, Testing & Certification of *IPS/SMPS, DC-DC Converters, Invertors & Battery Chargers/Float Rectifiers, Block Instruments & Relay, Relay Technology-Different Types of Relays & their working, Block Instruments and Point Machines, Qualify Control and Safety Practices.*

NB-: 10% of the total marks prescribed for written test should be on official language policy and rules will be included in the question paper on General Knowledge (i.e Paper –I). However, this question should not be made compulsory

