

HR Section
O/o The CGMT
ARTTC Building Ranchi - 835217
☎: 0651-2210005 📠: 2210030
Website : www.jharkhand.bsnl.co.in



भारत संचार निगम लिमिटेड
(भारत सरकार का उपक्रम)
BHARAT SANCHAR NIGAM LIMITED
(A Govt. of India Enterprise)

To,

1. All SSA Heads.
2. All GMs/DGMs, C.O, Ranchi.
3. DGM(Mtce.) ,ETR /ETP, Ranchi.
4. CE(Civil)/Electrical) BSNL, Ranchi.

No:CGMT/JKD/HRD/TTA 40 %/Recrt,Year 2011/

Date: 19/03/2013

Subject: LDCE(40 % Quota) for promotion to the grade of TTA in the field Units of BSNL for the Recruitment Year 2011.

In pursuance of BSNL New Delhi Letter No. 7-2/2012-DE dated:02/02/2012 regarding above mentioned subject,I am directed to say that it has been decided to hold the LDCE(40% Quota) for promotion to the grade of TTA for the Recruitment Year 2011.

The examination shall be held as per Recruitment Rules issued vide letter No. :250-41/2001-Pers.III dated:27/07/2001 and Syllabus/Scheme of examination circulated vide letter no.250-76/2001-Pers.III dated:7/10/2011.

There will be a single Objective Multiple Choice Type Paper of 100 Marks. There will be negative marking and for each wrong answer 25% of the mark of that question shall be deducted.

The detailed time-table of the examination is given below:

Paper	Subject	Marks	Date of Exam	Duration
Section-I	Electrical, Electronics & Communication	50	Will be announced later	10.00 AM to 01.00 PM (3 Hours)
Section-II	Departmental Practices	50		
Total		100		

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19/03/2013

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Eligibility Criteria for promotion through LDCE (40 % Quota) as per RR:

- (A) 1. Telecom Operating Assistant(TOA) with five years of regular service or
2. Senior Telecom Operating Assistant(Sr.TOA) with five years regular service (including the service rendered as Telecom Operating Assistant), and holding 10 +2 standard certificate or equivalent .
- (B) 1. Telecom Mechanic holding 10+2 standard certificate or equivalent and
2 Technicians other than
i) Technicians who are having 10+2 qualification or equivalent qualification
ii) Technicians holding 2 years ITI diploma certificate after matriculation

The eligible candidates who are interested to appear in the aforesaid Examination may kindly be asked to submit their application in the prescribed enclosed proforma. Last date for receipt of application form is 19/04/2013 .Application received after last date will not be entertained at any cost.

All application forms should reach in this office through proper channel(i.e through concerned SSA Head to which they belong).While forwarding the applications to this office ,the forwarding officers concerned will satisfy themselves that the informations furnished in the individual applications are complete in all respects and meet the eligibility requirements otherwise the responsibility will be upon them.

LICE may not be held in this circle if there is any stay granted by any court and such stay orders should immediately be brought to the notice of this office.

This may be given wide circulation for information and necessary action to all concerned.

19/04/2013
AGM(HR)
O/o CGMT,JTC,
BSNL,Ranchi.

- Copy to : 1. AGM(DE),C.O,BSNL,New Delhi-110001
2. All Circle Secretary of Non -Executive Union,JTC,Ranchi.
3. SDE(IT-II) for uploading in circle website.
4. Notice Board.

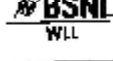
Note: Application form/syllabus/scheme of the exam can be downloaded from the circle website also(www.jharkhand.bsnl.co.in)

Encl. As above.

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APPLICATION FORM FOR LIMITED DEPARTMENTAL COMPETITIVE EXAMINATION(LDCE) FOR PROMOTION TO THE GRADE OF TTA UNDER 40% QUOTA FOR THE RECRUITMENT YEAR 2011 IN JHARKHAND TELECOM CIRCLE

1. Name of the applicant:.....
2. Designation:.....
3. Present place of posting with telephone No:.....
4. HRMS No:.....
5. Date of Birth:.....
6. Educational Qualification:
(Proof to be attached)
7. Whether the applicant hold 10-2 Standard Certificate or Equivalent?(Yes/No)
(Proof to be attached)
8. Date of entry in the Department:.....
9. Date of entry in the Present Grade (i.e. TOA/Sr.TOA/TM/Technician):.....
10. Whether the applicant has completed 5 (Five) years of regular service as 01/07/2011 as TM/Technician /TOA /Sr.TOA(including the service rendered as TOA): (YES/No).....
11. Present Pay Scale:
12. Whether the applicant belongs to SC/ST category:.....
13. Whether the candidate is absorbed in BSNL ?.....

Paste One Recent Photo Duly Attested by Controlling Officer & attach two Photos with this application form

I do hereby declare that the information furnished by me in this application is true and complete to the best of my knowledge and belief and in case any part of the said information is found incorrect or false, my result of the exam, if announced will be treated as NULL and VOID. In addition, I shall be liable for such action as may be deemed fit by the department.

Date: _____ Signature of the applicant

Certified that the above entries made by the candidate have been verified from the Service Book and found correct.

Signature & Seal of Accounts Officer

I recommend that Shri/ Smt/Ms who fulfills the condition of eligibility as prescribed in the recruitment Rules of TTA no:250-41/2001-Pers.IIT dated:27/07/2001, may be permitted to appear in the examination.

Signature & Seal of the SSA Head



BHARAT SANCHAR NIGAM LIMITED
(A Government of India Enterprise)

(Pers-III Section)
5th Floor, Bharat Sanchar Bhawan,
Janpath, New Delhi

No. 250-76/2001-pers-III
Dated: 7.10.2011

To

All Heads of the Telecom Circles,
Bharat Sanchar Nigam Limited*.
(* Only Recruiting Circles)

**Sub: Forwarding of Revised Scheme of Examination for Limited Departmental
Competitive Examination (LDCE) for TTA under 40% quota---regarding.**

In partial modification to this office letter of even No. dated 4.12.2008, I am directed to enclose herewith a copy of revised Scheme of Limited Departmental Competitive Examination (LDCE) for TTA under 40% quota for favour of further necessary action at your end please. The Revised scheme shall be applicable for the examinations to be held henceforth.

Encl: As above.

(Harsh Vardhan Singh)

Add. General Manager (Estt.)
TEL: 23715155 FAX: 23725255

Copy to:-

1. GM (Rectt.), BSNL CO, New Delhi.
2. AGM (DE-II), BSNL CO, New Delhi
3. General Secretary, BSNLEU, New Delhi.
4. Intranet
5. Guard File
6. Spare Copies
7. File No. 250-27/2008-Pers-III

BHARAT SANCHAR NIGAM LIMITED
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**SYLLABUS AND SCHEME OF EXAMINATION FOR LIMITED DEPARTMENTAL
COMPETITIVE EXAMINATION FOR TTA_s**

(A) SCHEME OF EXAMINATION

There will be a single **Objective Multiple-choice-type Paper** of 100 Marks comprising of two Sections. The time allowed shall be Three (3) hours. Each Section shall contain 50 questions of One (1) Mark each. There will be **negative marking** and for each wrong answer **25%** of the mark of that question shall be deducted.

SUBJECT	MAXIMUM MARKS	TIME ALLOWED
SECTION-I <u>ELECTRICALS, ELECTRONICS AND COMMUNICATION</u>	50	3 Hours
SECTION-II <u>DEPARTMENTAL PRACTICES</u>	50	
TOTAL	100 Marks	

The minimum qualifying marks in the LDCE for TTA will be as follows:-

- (a) 30% in each section and 37% in aggregate for OC candidates.
(b) 20% in each section and 30% in aggregate for SC/ST candidates.

P.T.O.

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SYLLABUS**SECTION-I ELECTRICALS, ELECTRONICS AND COMMUNICATION**

ELECTRICAL—Three-phase versus Single phase supply, concept of inductance and capacitance and impedance in AC circuits, series and parallel AC Circuits, star and delta connections, relation between phase and line voltage. Ohm's Law and its application. Power factor and their measurement, refrigeration and air conditioning. Principles of operations of Transformer, application of small transformer in electronics and communication engineering. Semi-conductor devices—Principles of operation and characteristics of diode, zener diode, transistor. Application of these devices in electronics circuits e.g. half wave/full wave rectifiers, invertors etc. Electronic Circuits—Basic electronic circuits viz. amplifiers, oscillators, multi-vibrators and integrated circuits (ICs). Units of attenuation, decibels and Nepers, characteristics of attenuation and concept of low pass (LP), band pass (BP) and high pass (HP) filters. Concept of dbm, psophometric noise, cross-talk and their measurements,

COMMUNICATION---Modulation and demodulation—principle and operation of various types of AM, FM and PM modulators/demodulators; pulse modulation---TDM, Multiplexing, principles and application of PCM.

NETWORK, FILTERS AND TRANSMISSION LINES---Transmission lines and their application, characteristic impedance of line, principle of impedance matching, bandwidth consideration of a transmission line.

COMPUTERS---Computer and its working, types of computers, familiarization with DOS and windows—concept of file, directory, folders, number system (Binary, Octal and hexadecimal), Memory types, Personal computers and their typical uses, types and working of modems, OSI models.

SECTION-II DEPARTMENTAL PRACTICES

- (i) Various types of subscriber instruments, exchanges viz. C-DOT, RAX/SBM/MBM/E-10-B/New Technology Max-i and their working principles.
- (ii) Transmission systems functioning in DoT/BSNL and their working principles.
- (iii) Telex and Trunk working principles/repair/maintenance.
- (iv) Float rectifiers, power plant, engine alternator, batteries their operation and maintenance.
- (v) Operation and maintenance of 3 channel system.
- (vi) Repair of PCBs, connectors, soldering, de-soldering and pin-number in IC chips. Handling of ICs.
- (vii) Type of switch-boards, cables, their identification and laying/terminations.
- (viii) Organizational set up up-to Telecom Circle level.
- (ix) PABX, MDF, IDF, Racks, Ruses, Relays.
- (x) Various types of tools.
- (xi) Earthing practices and methodology.

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