

IndiaBroadband²⁰⁰⁷
Linking India



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

OFFICE OF THE CHIEF GENERAL MANAGER, M.P. TELECOM CIRCLE, BHOPAL

EXAM URGENT

To,

- 1 The CGMT, BRBRAITT/T&D/TF, Jabalpur/CTS, Jabalpur
- 2 The GM, WTR/WTP Bhopal
- 3 The CE (Civil/Elect) Bhopal/Circle IFA Bhopal
- 4 All GMTDs/TDMs/TDEs in MP Circle
- 5 The GMs (CMTS) Circle Office Bhopal
- 6 The AGM (Admn) Circle Office, Bhopal

No :- RE/12-10/TTA/50 % quota/2014-15/7

Dated at Bhopal the 07.03.2015

Sub :- Limited Departmental Competitive Examination for Telecom Technical Assistant under (50% quota) for the recruitment year 2014 in M.P. Circle.

(Last date for Submission of Application form to the concerned SSA is 07.04.2015)

Examination to be held at Bhopal on 07.06.2015

- Ref :- (1) BSNL, HQ Lr No: 250-3/2015-Estt-III dated 04.02.2015
(2) BSNL HQ Lr. No. 250-7/2013-Pers.-III dated 25.08.2014 Ends Vide RE/12-03/TTA/BSNL/2002/Ruling/111 dated 29.08.2014.
(3) BSNL HQ Lr.No: 250-76/2001-Pers III dated 07.10.2011, Ends vide RE/12-03/TTA/BSNL/Ruling/2002/103 Dated 22.10.2011

In accordance with the directions contained in BSNL HQ, New Delhi letter No. 7-2/2008-DE dated 04.02.2015, it has been decided to conduct the Limited Departmental Competitive Examination for promotion to the cadre of Telecom Technical Assistant (under 50% departmental quota) for the Recruitment year 2014 in M.P. Circle as envisaged in the TTA recruitment rules 2014, and amended from time to time. The examination will be held in accordance with the syllabus & scheme circulated vide BSNL Corporate Office letter No. 250-76/2001-Pers III dated 07.10.2011.

There will be a single Objective Multiple-choice-type Paper of 100 Marks comprising two sections. The time allowed shall be (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.

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.

The Scheme of the examination to be conducted is as follows:

Subject	Maximum Marks	Day & Date	Time
SECTION-I ELECTRICALS, ELECTRONICS AND COMMUNICATION	50	Sunday, 07.06.2015	10.00 AM to 01.00 PM. (3 HOURS)
SECTION-II DEPARTMENTAL PRACTICES	50		
TOTAL	100 Marks		

- B) The Syllabus of the Examination is enclosed as **Annexure-II**
 C) **Vacancy position will be notified soon. BSNL has reserved the right to revise the vacancies at any time.**

ELIGIBILITY CONDITIONS

As per the provisions contained in TTA recruitment rules 2014, the following non-executive employee of BSNL below the age of 55 years as on 1st July of the vacancy year eligible provided they are possessing 10+2 standard qualification or equivalent or two year ITI Certificate /three year Diploma in specified disciplines as mentioned in column 7 after matriculation.


- i) Non –executives of any cadre (viz, Telecom, Telecom Stores, Civil, Architect, etc.) in the IDA pay scale of Rs. 9020-17430 and above with combined five years of residency period in the pay scale of Rs. 9020-17430 or above as on 1st July of the vacancy year.
- ii) Senior Sports Assistant and Sports inspectors/Coordinators in the IDA pay scale of Rs. 9020-17430 and above with 5 years of residency period in the scale of Rs. 9020-17430 or above as on 1st July of the vacancy year.
- iii) Non- executives (Industrial & Non industrial) of Telecom Factories in the IDA pay scale of Rs. 9020-17430 and above with 5 years of residency period in the scale of Rs. 9020-17430 or above as on 1st July of the vacancy year.

All SSA Heads are requested to:-

- 1 Make arrangements to give wide publicity among the staff.
- 2 Call for the applications as per the Application Format enclosed as **Annexure-I** from the eligible candidates including those of attached units as per the Recruitment Rules of TTA-2014.
- 3 Scrutinize the applications and issue Hall Permits to the eligible candidates.
- 4 **Last date for submission of application will be 07.04.2015.**
- 6 Total number of eligible candidates may be intimated to this office latest by 15.04.2015 in the below mentioned format.

Sl.NO.	Name of the Candidate	HRMS or PER Number	Community	Qualification	Mobile NO.	Unit

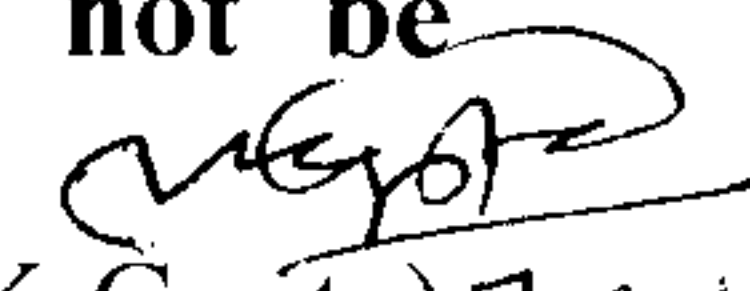
Encl: (Ann I&II)


 (S.P.Singh)
 Asstt. General Manager (HR)
 M.P.Telecom Circle, Bhopal
 (M)- 09425011963

Copy to :-

- 1 The Chief General Manager T&D/BRBRAITT/Telecom Factory, Jabalpur
- 2 The G.M. Telecom Project/Maintenance/CMTS in M.P.
- 3 The Dy. G.M. Telecom TXI/SWI/CTTC/CSD in M.P.
- 4 The AGM (Admn) C.O.Bhopal
- 5 All recognized Union of BSNL in M.P. for information

Above unit heads are requested to kindly forward the applications in time directly to the parent office of the candidate. Any application received in this office will not be entertained.


 (M.K.Gupta) 7.3.15
 Asstt. Director (Rectt)
 M.P.Telecom Circle, Bhopal
 Tel-0755-2551508

ANNEXURE-I

APPLICATION FORMAT FOR LIMITED DEPARTMENTAL COMPETITIVE EXAMINATION
FOR TTAs AGAINST 50% QUOTA FOR THE RECRUITMENT YEAR 2014 in M.P.Circle.

LAST DATE FOR SUBMISSION OF APPLICATION TO THE SSA HQRS IS 07.04.2015

HRMS/PER NO.....

Contact Landline/Mobile No.....

1. Full Name of the Applicant (in Capital) :
2. Community (Whether OC/SC/ST) :
- 2a. Whether Physically Handicapped : YES/NO (If Yes, Proof to be attached)
3. Date of Birth :
4. Unit Where Working :
5. (A) Date of Entry in the Department :
(B) Post Appointed as :
6. (A) Post held at the time of submitting
the Application :
(B) Present Pay Scale :
(C) Basic Pay as on 1st July 2014 :
7. Whether passed 10+2 or equivalentent :
If Yes, Year of passing the exam :
(Proof to be attached)
8. Whether 5 years of regular service
rendered in the pay scale Rs (9020-
17430) on 1st July 2014 :
9. Length of service rendered as on
01.07.2014 :

I (Name of the candidate) hereby declare that the particulars
filled by me in this form are true to the best of my knowledge and belief.

Place :

Signature of the Applicant

Date :

Application is hereby forwarded to SSA concerned.

Controlling Officer

Certified that the above particulars furnished by the candidate has been verified with
relevant records and found correct. The case is recommended/not recommended.

Signature of Head of SSA

.....

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.

[Handwritten Signature]
7/10