

BSNL Corporate Office, Room no: 225, 2<sup>nd</sup> Floor, Eastern Court, New Delhi-110001

No. 7-2/2017-Recit.

Dated: 30.10.2017

CORRIGENDUM

31.

To,

Chief General Managers Territorial Telecom Circles, BSNL  
Chief General Managers Kolkata/Chennai Telephone Dists./NTR, BSNL

SUB: LICE FOR PROMOTION TO JE(RY 2016).

Ref:- Letter No. 7-2/2017-Recit dated 16.10.2017

In context to the examination under subject, Some circles have reported regarding the lesser time period for E-verification of the applicants, hence it has been decided to prepone the schedule of online registration as well as editing period. The revised schedule is tabulated as below:-

Sl. No.	Events	Dates
1	Starting date of Online Registration for the LICE JE.	15.11.2017
2	Last date of Online Registration for the LICE JE.	15.12.2017
3	Editing Period	16.12.2017 to 18.12.2017
4	Downloading of Admit card	From 21.01.2018

All other terms & Conditions shall remain same

*R.K. Tiwari*  
(R.K. Tiwari) 31/10/17

Assistant General Manager (Recit.-I)

Copy to :-

1. GM (ESTT.) BSNLCO, New Delhi.

Endst No: CGMT/JTC/LICE JE/50% Quota/Ry 2016/05 Dtd. 31/10/2017

To,

- (1) All SSA/Unit Head  
BSNL, JTC, Ranchi
- (2) DGM (mtee) ETP/ETR, BSNL, Ranchi

Notification issued by BSNL Corporate Office vide letter no. 7-2/2017-Recit Dated 16/10/2017. for holding of LICE for promotion to JE under 50% quota exam to be held on 28/01/2018 the revised schedule is tabulated.

This is for your kind information & nk

Copy to

- 1) AGM (IT), O/o the CGMT, JTC, Ranchi  
- for wide publicity & uploading on portal
- (2) Notice Board.

*R.K. Tiwari*  
31/10/17  
AGM (HR)  
क. सु. प्र. द. प., राँची-8352  
O/o CGMT, Ranchi

HR Section  
O/o The CGMT,  
ARTTC Building, Room No:C-202,  
Ranchi – 835217  
☎: 0651-2210008 📠: 2210030  
Website : www.jharkhand.bsnl.co.in



भारत संचार निगम लिमिटेड  
(भारत सरकार का उपक्रम)  
**BHARAT SANCHAR NIGAM LIMITED**  
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03/c

No: CGMT/JTC/LICE JE/50%Quota/R Y 2016/03

Date: 27/10/2017

**Sub: Holding of Online LICE for Junior Engineer under 50% quota for RY 2016: Model Notification of Exam reg.**

<b>STARTING OF ONLINE REGISTRATION OF APPLICATION</b>	:	15.12.2017
<b>LAST DATE OF ON LINE REGISTRATION</b>	:	15.01.2018
<b>EDITING PERIOD</b>	:	16.01.2018 to 17.01.2018
<b>DATE OF ONLINE TEST</b>	:	28.01.2018

With the approval of the Competent Authority, it has been decided to hold a Limited Internal Competitive Examination (LICE) promotion to the grade of JE(Erstwhile TTA) under 50% quota for the recruitment year 2016. The exam will be conducted online. The examination shall be held as per Recruitment Ruled circulated vide letter No. : 250-7/2013-Pers-III dated 25.08.2014 and Syllabus/ Scheme of the examination circulated vide letter No. : 250-76/2001-Pers.III dated: 07.10.2011. All Departmental candidates fulfilling the prescribed eligibility conditions and possessing qualification as detailed in above letters will be eligible to apply for the above said post.

2. The current vacancy position ( as on 31.03.2017) in the Circle is as follows:-

Recruitment Year	OC	SC	ST	Total
2016	86	10	11	107

3. The Detailed scheme & time-table of the examination is given below:

Paper	Subjects	Number of Questions	Marks	Date of Exam	Duration
Section- I	Electrical, Electronics & Communication,	50	50	28.01.2018	3 hours 11.00 A.M. to 2.00 P.M.
Section- II	Departmental Practice	50	50		
<b>Total</b>		<b>100</b>	<b>100</b>		

Syllabus for each of the two sections has been detailed in Annexure A.

*(Signature)*  
27/10/17

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पंजीकृत एवं नियमित कार्यालय : भारत संचार भवन, हरीश चन्द्र माथुर लैन, जनपथ, नई दिल्ली-110001  
Regd. & Corporate Office : Bharat Sanchar Bhawan, H. C. Mathur Lane, Janpath, New Delhi-110001  
Website – [www.bsnl.co.in](http://www.bsnl.co.in)



**HR Section**

O/o The CGMT,  
ARTTC Building, Room No:C-202,  
Ranchi – 835217

☎: 0651-2210008 📠: 2210030

Website : [www.jharkhand.bsnl.co.in](http://www.jharkhand.bsnl.co.in)



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4. As already informed vide BSNL CO letter No. 250-76/2001-Pers.III dated:07.10.2011, the examination will be of multiple choice objective type and as such each question will have 4 multiple choices for answer. Only **one** answer which is the most appropriate has to be selected by the candidate and click the relevant option accordingly. In case of wrong answer, 25% marks of that question will be deducted and as such the candidates are advised not to resort to arbitrary selection of answer.

Minimum Qualifying marks in the LDCE for **Junior Engineer (erstwhile TTA)** will be as follows :-

S. No.	Category	Minimum Qualifying Marks
(a)	OC Candidates	30% in each section and 37% in aggregate
(b)	SC/ST Candidates	20% in each section and 30% in aggregate

**5. Eligibility:-**

The eligibility criteria for appearing in LICE are as under:

The following Non-executive employees of BSNL, below the age of 55 years as on the **1st July 2016**, are eligible provided they are possessing 10+2 standard qualification or equivalent or two year ITI certificate/three year Diploma in any one of the disciplines i.e. Telecommunication/Electronic/Electrical/Radio/Computer/Instrumentation/Information Technology from a central Govt./State Govt. recognised institutions after matriculation.

i. Non-executive 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 **1<sup>st</sup> July 2016**.

ii. Senior Sports Assistants 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 **1<sup>st</sup> July 2016**.

iii. Non-executive (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 **1<sup>st</sup> July 2016**.

6. The LICE will be held in **all BSNL Territorial Circles** at their respective headquarters. The details of the Territorial Circles where the LICE will be conducted are given at **Annexure-B**.

7. The examination will be conducted strictly in accordance with provisions of Standard Operating Procedure (SOP) for conducting Computer based Online examination in BSNL.

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8. The employees, who are eligible in accordance with the eligible conditions as referred in the Recruitment Rules and who desire to appear in the examination should submit application on-line. Candidates applying for LICE for promotion to the post of Junior Engineer are required to apply online for which link shall be provided through BSNL web site [www.internalexam.bsnl.co.in](http://www.internalexam.bsnl.co.in). Applications will be considered only through the online registration process which is to start from 15.12.2017 and will be closed on 15.01.2018. Therefore, candidates are advised to visit BSNL Intranet site ([www.intranet.bsnl.co.in](http://www.intranet.bsnl.co.in)) for any updates regarding the LICE.

All candidates applying for LICE for **Junior Engineer** are required to read all the instructions provided on website [www.internalexam.bsnl.co.in](http://www.internalexam.bsnl.co.in) before filling the online application form. Candidates will have to provide valid Email ID and Mobile Number at the time of online Registration. After submitting the application on-line, the applicant may take a print out of application form and keep it with him/her for record.

9. The prescribed examination fee **Rs. 500/-** (Rupees Five Hundred only) for the OC/OBC candidates and **Rs. 250/-** (Rupees Two Hundred Fifty only) for the SC/ST candidates shall be paid through online mode i.e. Internet Banking, Credit Card, Debit Card only.

**The amount of the fee shall not be accepted in any other form. Fee once paid shall NEITHER be refunded under any circumstances NOR can be held in reserve for any other examination or selection. Hence, the candidates are requested to ensure their eligibility for the said LICE before applying for the same.**

10. Registration forms complete in every respect must be submitted Online on or before 15.01.2018. Candidates are advised to complete their registration process well before last date to avoid last day. Registration process will not be allowed after last date and all incomplete registrations will be treated as rejected. Candidates will have to download their Admit Card from the BSNL website [www.internalexam.bsnl.co.in](http://www.internalexam.bsnl.co.in) at least 7 days before from the date of the Online Test by using their user name & password. **It will not be sent either by post or by e-mail.** BSNL shall not be responsible for server crash problems or delays occurring on last day of registration.

11. The applicants would be admitted to the examination on the basis of the information furnished by them in their registration form. They are, therefore, advised to ensure that they fulfill all eligibility conditions before applying. In case it is found at a later stage that the information furnished by an applicant is false or an applicant does not fulfill any of the eligibility conditions, the candidature of such applicants would be cancelled and no correspondence in this

  
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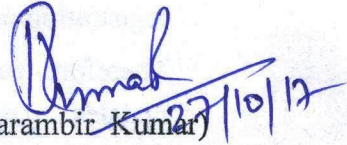
regard would be entertained. Issuance of an admit card for the examination will NOT confer any right for promotion/appointment. Promotion/appointment will be solely subject to fulfillment of all eligibility conditions as well as availability of vacancies.

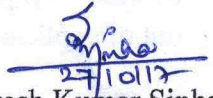
12. No electronic gadget or mobile phone will be permitted to be taken inside the examination premises by the candidates.

Encls: Annexure-A,B,

Copy to:

1. All SSAs/Units, Head, BSNL, JTC, Ranchi.
2. DGM(Mtce), ETR/ETP, BSNL, Ranchi.
3. AGM ( Rectt.-I ), BSNL Corp. Office , New Delhi.
4. AGM ( IT), JTC Ranchi - for uploading in circle portal
5. Notice board.

  
(Dharambir Kumar) 27/10/17  
DGM(Admn)  
O/o the CGMT, JTC,  
BSNL, Ranchi.

  
(Shitesh Kumar Sinha)  
AGM(HR)  
O/o the CGMT, JTC,  
BSNL, Ranchi.

  
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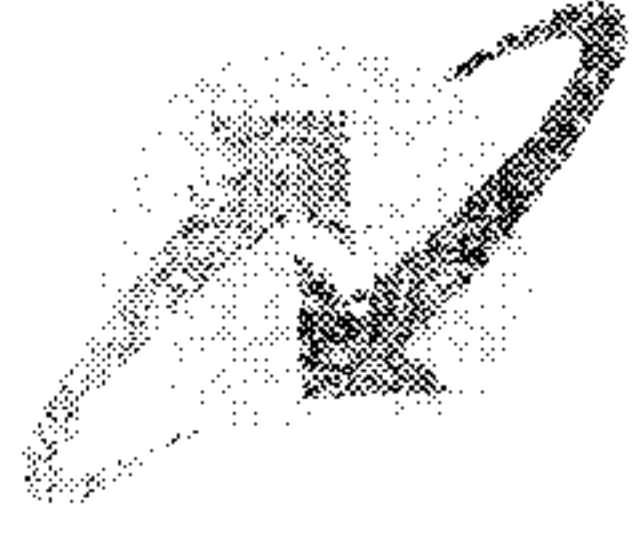
  
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**BHARAT SANCHAR NIGAM LIMITED**  
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(Pers-III Section)  
5<sup>th</sup> Floor, Bharat Sanchar Bhawan,  
Janpath, New Delhi

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)

Addl. 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 TTAs**

**(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.

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

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.

*Handwritten signature*  
7/10

**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,

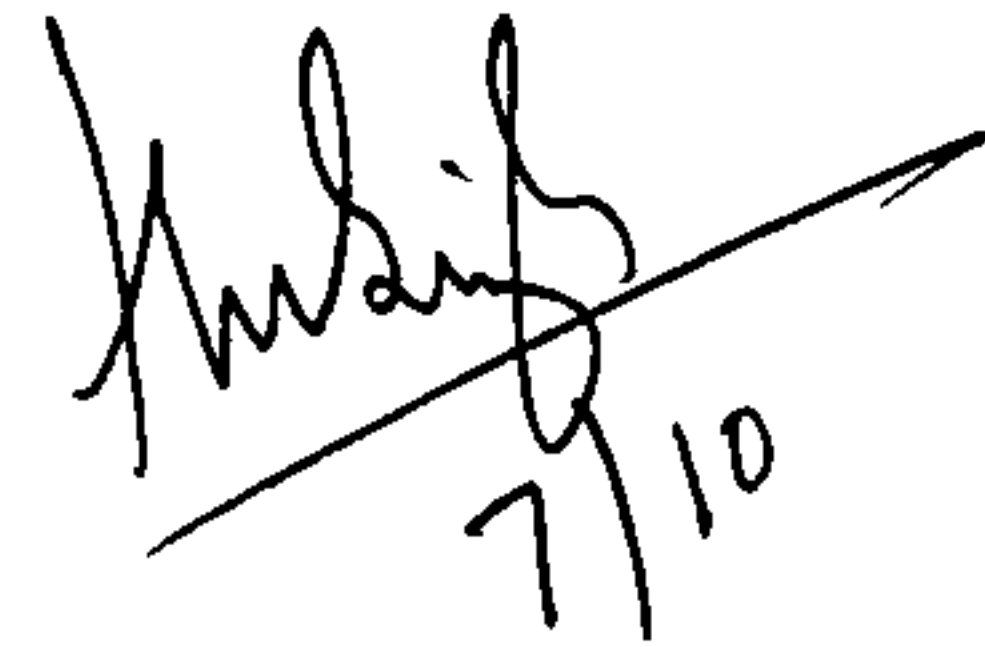
**COMMUNICATION**---Modulation and demodulation—principle and operation of various types of AM, FM and PM modulators/demodulators; pulse modulation—TDM, Multiplexing, principles and application of PCM.

**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.

  
7/10