



BHARAT SANCHAR NIGAM LIMITED
(A Government of India Enterprise)

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

Annexure-3

No. 250-74/2001-Pers-III (Part)
Dated: 18.10.2011

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 Telecom Mechanic under 50% quota—
regarding.**

In partial modification to this office letter of even No. dated 31.07.2006, I am directed to enclose herewith a copy of revised Scheme of Limited Departmental Competitive Examination (LDCE) for TM under 50% 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.

oc
18/10/11

(P.T.Nirmal Kumar)
Asstt. General Manager (Pers-III)
Tel: 23310401 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

No. 250-74/2001-Pers-III (Part)

BHARAT SANCHAR NIGAM LIMITED

(A Govt. of India Enterprise)

**Syllabus & Scheme of Examination for Limited Departmental Competitive
Examination for Telecom Mechanics*****

*** (As per Recruitment Rules issued vide No. 250-74/2001-Pers-III dated 20.2.2002)

(A) SCHEME OF EXAMINATION

There will be a single **Objective Multiple-choice-type Paper** comprising of two Section each of 50 marks. The number of question in each Section shall be 50. The total time allowed for the paper shall be 2 ½ 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 GENERAL SCIENCE & MATHEMATICS	50	2 ½ Hours
SECTION-II DEPARTMENTAL PRACTICES	50	
TOTAL	100 Marks	

The minimum qualifying marks in the LDCE for TM 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.

Note: Select Panel under this quota shall be drawn strictly according to the merit scored in the competitive examination. The level of examination will be of 10th Standard.

PC Anand
18/10/22

P.T.O.

SYLLABUS

SECTION-I **GENERAL SCIENCE & MATHEMATICS**

(1) GENERAL SCIENCE

Units of measurement of length, Mass, Time and Temperature. Conductor, Insulator and Semi-conductor properties, electric current, Voltage, simple application of Ohm's Law, resistances, simple applications of resistances in series and parallel, application of electric current---electric bulb, Heater, Fuses, switch, Regulator and Fluorescent tubelights. Use and application of basic measuring instruments like Voltmeter, Ammeter and Multimeter.

(2) MATHEMATICS

Percentage, Profit & Loss, Simple Interest, Calculation of averages, Ratio and Proportion, Liner Equations, Trigonometric Ratios.

SECTION-II **DEPARTMENTAL PRACTICES**

- (i) Various types of Switchboard and underground cables, their identification, laying and terminations.
- (ii) Brand names of the varloous services provided by BSNL.
- (iii) Outdoor plant-concept of DPs, Pillars, Cabinets, Primary, Secondary and Distribution cables.
- (iv) MDF, IDF and protective devices.
- (v) Functioning of small size C-DOT Exchanges.
- (vi) Float rectifiers, power plant, engine alternator, batteries their operation and maintenance.


18/10/22