

MOST IMPORTANT



No.2-16/2013-Pers-II
BHARAT SANCHAR NIGAM LIMITED
[A Government of India Enterprise]
CORPORATE OFFICE
PERSONNEL -II SECTION

4th Floor, Bharat Sanchar Bhawan, Janpath , New Delhi- 110001

December : 10 , 2014

To

All Heads of Telecom Circles
All Heads of Telecom Projects/Regions
All Heads of Maintenance
CGM BRBRAIT, Jabalpur/CGM, ALTTC
CGM, Kokatta Telephones/Chennai Telephones
CGM ,QA/IN/IT/CTS Kolkatta/TF-Mumbai,Jabalpur,Kolkatta
CGM NCES/BBNW/NETF
Bharat Sanchar Nigam Limited

Subject:- Limited Departmental Competitive Examination for promotion to the grade of Sub Divisional Engineer (Telecom) for vacancy years 2010-2011 onwards under 33% quota. -Regarding circulation of syllabus, Scheme, and minimum pass marks.

Sir,

I am directed to refer to this office letter no. of even dated 22.08.2014 and 21.11.2014, circulating there with the syllabus and scheme of LDCE for promotion to the grade of Sub Divisional Engineer (Telecom) for vacancy years 2010-2011 onward under 33% quota.

The said Syllabi after correcting necessary errors is enclosed herewith for re-circulation. The other contents of letter dated 22.08.2014 however remain the same.

This letter may be given wide publicity.

Yours faithfully,

(SHEO SHANKAR PRASAD)
ASSISTANT GENERAL MANAGER (PERS-II)
Tel. No. 011-23037235

Encl: Syllabus of Paper I and Paper II.

Copy to:-

1. Sr.GM(Estt)/GM(Pers)/Addl(GM(Pers))/AGM(Pers-IV) Corporate Office
2. GM(Rectt.)/DGM(DE)/ AGM(DE), Corporate Office – with the request to take further necessary action.
3. All GMs/DGMs, BSNL Corporate Office.
4. Director(Staff)/US(SGT), DoT, Sanchar Bhavan, New Delhi.
5. M/s TCIL, /BBNL, New Delhi
6. All Unions/Associations concerned.
7. Notice Boards
8. Spare/Guard File

F.No. 2-16/2013-Pers.II		Annexure-"A"
Syllabus of LDCE for promotion of JTO(T) to SDE(T) under 33% quota		
Paper-I (General)		
LIST OF TOPICS		
1	Group Performance Management System	
2	Leadership and Team Building	
3	Time Management	
4	Capital Budgeting and Revenue Budgeting	
5	Cost Management	
6	Communication Skills	
7	Energy Conservation and Fire Safety	
8	RTI Act 2005	
9	Official Language Policy	
10	BSNL CDA Rules	
11	Gender Issues	
12	Customer Care, Citizen Charter of BSNL	
13	Sales Management	
14	Services Marketing	
15	Asset Management	
16	Inspection and Quality of Service	
17	BSNL Services	
18	Staff Welfare	
19	Reservation Policy	
20	Contractual Labour Management	

2/11/13

Syllabus of LDCE for promotion of JTO(T) to SDE(T) under 33% quota

PAPER-II (Optional Streams)

"CFA "- Stream

LIST OF TOPICS

1	Circuit Switching
2	Signalling: CAS and CCS/SSTP
3	POI(Point of Interconnection)
4	Packet Switching
5	Routing Principles
6	Broadband and Multiplay
7	IPv6
8	Leased Lines: MPLS-VPN/MLLN
9	Overview of NGN & IPTAX
10	SIP & IMS (Session Initiation Protocol & IP Multimedia Subsystem)
11	Landline VAS
12	CDR Billing
13	Project UDAAN and DOSTI
14	NGN SDH and MSPP (Multi Service Provisioning Platform)
15	FTTH (GPON)
16	OSI Layers
17	LAN and VLAN
18	ADSL
19	Power Plant & SMPS modules
20	Data Centres
21	External Plant



F.No. 2-16/2013-Pers.II		Annexure-"B/2"
Syllabus of LDCE for promotion of JTO(T) to SDE(T) under 33% quota		
PAPER-II (Optional Streams)		
"CM" -Stream		
LIST OF TOPICS		
1	GSM Mobile Communication-2G	
2	GPRS and EDGE	
3	GSM-3G	
4	RF Planning and Drive Test	
5	Mobile VAS	
6	Project Vijay	
7	Sanchar Soft	
8	CDMA 2001X and EVDO	
9	Wi-Fi and WIMAX	
10	MNP(Mobile Number Portability)	
11	National/International Roaming	
12	Earthing and Power Plant	
13	Charging and Billing in GSM/CDMA	
14	HSDPA,LTE,LTE-A	
15	Intelligent Network in Mobile Communication	
16	Security Features in CDMA/GSM and Lawful Interception System	

20/11/13

F.No. 2-16/2013-Pers.II		Annexure-"B/3"	
Syllabus of LDCE for promotion of JTO(T) to SDE(T) under 33% quota			
PAPER-II (Optional Streams)			
"EB " - Stream			
LIST OF TOPICS			
1	MLLN		
2	MPLS VPN		
3	NGPN-FTTH		
4	MSPP		
5	Multiplay Broadband Services		
6	Enterprise Services		
7	New Business		
8	CUG and Centrex		
9	INFRA Sharing		
10	Franchisee management		
11	Project Smile and 3G experience zone		
12	Service Level Agreement types		
13	Optical Fibre Communications: ITU Standards, Components, Tests and Measurements, Link Budget. PCM & PDH, SDH, NGSDH, DWDM,FTTH		
14	Microwave Communications: Basic Link Budget, Diversity, Antenna		
15	Satellite communications: Basics, Link Engineering, Earth Stations, VSAT,DSPT		
16	Earthing and Power plant		
17	NOFN Project.		

Signature

F.No. 2-16/2013-Pers.II

Annexure-"B/4"

Syllabus of LDCE for promotion of JTO(T) to SDE(T) under 33% quota

PAPER-II:- Common Paper

"IT "

LIST OF TOPICS

1	ICT Security
2	Cyber Security
3	ERP
4	Cloud Computing
5	Oracle Data Base
6	Computer Networking/LAN/WAN
7	World Wide Web
8	OSI Model
9	Ethernet
10	Multimedia Services
11	E-Governance/Commerce/Education/Medicine

