

NOTICE

Ref: TFR:NCB:298:23-24

Dated: 08/11/2023

Sub: Notice for written examination for the post of Junior Engineer B (Information Technology)

Ref: Advt No.18/2023 : Appointment of a Junior Engineer B (Information Technology) – Reserved for SC category on permanent basis.

All the shortlisted candidates are required to appear in person for the Written Test scheduled on 15th November 2023 (Wednesday). The venue for the written test is National Centre for Biological Sciences, Tata Institute of Fundamental Research, Bellary Road, Bangalore 560065,, Karnataka. The final selection of the candidates will be based on the performance in the Written Test.

Examination Pattern and Syllabus:

Written Test

Objective Type				
Section	Topics/Subjects	No. of Questions	Total Marks	Time
1	Desktop Support	45	45	10.30 am
2	Linux Administration and Scripting	35	35	
3	IT infrastructure management	20	20	
Total		100	100	

No negative marks.

Broad areas of syllabus for each section are as follows:

Section	Topics/Subjects	Indicative Syllabus
1	Desktop Support	Installation and troubleshooting Windows/MacOS/Linux, Troubleshooting Hardware issues in Laptops/Desktops/Servers/Printers/WiFi Routers/Smart Phones,
2	Linux Administration and Scripting	Compilation process of opensource code, Writing Scripts in BASH/python/perl, Common linux commands to search content and files/directories, Common command line text editors, trouble shooting Linux servers using command line tools and System logs, ext3/ext4/GPFS/Lustre/XFS file systems
3	IT infrastructure management	Routers/Switches, Sub-netting, Network Management Systems(NMS), Performing Backups/Restoration on Tape media using open-source tools, Monitoring Servers/Network device up-times, Virtualization using VMware/Hyper-V/ Xen / KVM, Inventory Management, Common Application/ OS level Security Risk management Technical Assistant

The call letter with detailed instructions is being sent to the shortlisted candidates by email. Candidates are required to check their registered email regularly.

**s/d.,
Head Administration and Finance
NCBS - TIFR**