

Non-Teaching Staff Recruitment

(Advertisement No. IITT/STAFFREC/02/2023 dated 23-08-2023)

Syllabus for JT (Systems)

1. Basic Linux commands and utilities, shell scripting (bash), Linux file management, disk backups, command-line text editing (vim)
2. OS/ Software/ Printer/ AV systems/ Projector: Installations, configuration, troubleshoot and repair
3. Networks: Network devices, DNS, DHCP, VLAN, Network management and debugging using SNMP.

Exam Format

Level - I

Screening Test (MCQ type with Negative marking): Both technical questions and logical/analytical aptitude questions.

Level - II

C. **Written Test** (Descriptive type): Understanding and application of knowledge/skills.

- a. Practical usage of basic system administration utilities. Automation of different administration tasks through scripting
- b. Hardware troubleshooting of systems and networks.

D. **Practical Test**: Practical usage with more emphasis on command-line usage, as applicable.

Level - III

Trade Test (Pass/Fail nature, minimum 50% score is required to Pass): Basic working with Linux systems, Computer Hardware, and Networks