

Syllabus for Skill and Written Test for the post of Technician (System Administration)

The syllabus for skill test and written test for the position of Technician (System Administration) is given below in line with that mentioned in the advertisement Advt.No. **Rectt./01 /Non-Teaching/2018** :

1. Install hardware and software.
2. Make upgrades and repairs as needed.
3. Oversee digital security.
4. Perform maintenance that all systems are operating.
5. Collect and analyse data to optimize performance.
6. Train users on hardware and software.
7. Troubleshoot problems with the system.
8. "Analyse and monitor server security and make recommendations or implement patches/fixes to address potential security holes"
9. Research and recommend innovative, and where possible automated, approaches for system administration tasks"
10. Installation, maintenance and Management of servers
11. Website development and management
12. Ability to create network diagrams and documentation for design and planning of data centre, sever room etc.
13. Proven experience in IT System administration
14. Experience with databases, networks (LAN, WAN) and patch management
15. Knowledge of system security (e.g. intrusion detection systems) and data backup/recovery
16. Ability to create scripts in Python, Perl, html, php or other language
17. Familiarity with various operating systems and platforms
18. Resourcefulness and problem-solving aptitude
19. Excellent communication and writing skills