

**Phone Screen Questions
on DB, Unix, NT, Networking, Network Management**

Candidate:
Date Screened:

Database ?s

1. If you want to retrieve information from a database, what language do you use? (SQL)
2. To retrieve information using SQL, what is the 1st word in your query? (select)
3. Why would you set up indexes on database tables? (speed up searching on a column; facilitate joins; speed up sorts)
4. How is a "cursor" used? (used for retrieving multiple rows from a table so they can be processed individually using a "fetch" statement)

Unix ?s

5. How can you make a program run automatically at a specified time? (use cron program; add entry to crontab file and submit it to cron via crontab command)
6. What is a shell? (command interpreter) Give examples. (ksh, csh)
7. How can you redirect the output of a command? (use > or >>)

8. What is the pipe/pipeline (|) character used for? (to supply the output of one command to the standard input of the next one)
9. How do you set the terminal type? (set TERM)

NT ?s

10. In Windows 3.x environments, configuration info. was stored in .INI files. Where is configuration information stored in an NT/Windows 2000 environment? (registry)
11. How is this information organized? (structured database organized as a hierarchical tree with subtrees)
12. How do you change the information stored here? (regedit; regedt32; via apps)
13. Are there any dangers in modifying this information? (can cause severe damage)
14. If you need to kill a process or program that isn't responding, what tool would you use? (Task Manager)
15. How do you set or change environment variables? (In Control Panel/System/Environment)
16. What file types are supported on NT ? (FAT & NTFS)

17. What is an NT domain? (collection of computers that share a common security policy and user account database)

Networking ?s

18. What is the difference between a LAN & a WAN?

19. Name the 7 layers of the OSI stack. (Application, Presentation, Session, Transport, Network, Data Link, and Physical)

20. Explain the difference between TCP & UDP. (guaranteed delivery vs. not guaranteed)

21. Can you name a couple of Layer 2 (Data Link) protocols? (Ethernet, FDDI, ATM, etc.)

22. "" Layer 7 (Application)? (telnet, ftp, smtp, snmp, etc.)

Network Management ?s

23. Explain what SNMP does (n/w mgmt. protocol for communicating with devices)

24. What is the function of a community string? (security)

25. Network management involves periodically polling different n/w elements to see if they are still up and healthy. As the number of elements polled increases, what problems would you expect to encounter? (when to mark a device down if it doesn't respond, impact on management system, etc.)

26. Network management also involves figuring out what type of device you're dealing with. How do you do that?

JobDuniya.com