Diebold interview experience (Neha Barwa –EXTC)

Total 14 people were shortlisted after the aptitude. EXTC and ETRX students had MPMC, Digital Logic,   Digital communication ,etc. and quants ,logic in aptitude test

1. ## Tech round

- Tell me about yourself. What are your hobbies?
- Explain BE project and TE project.
- How would you rate yourself in C and Java?
- Which Data Structures are you comfortable with?
    -I said linked lists
- So he asked questions like find the Nth node to last in a linked list, find if it is a circular list.
- Given an array, sort it using a tree(Write the whole code)
- Normalization(1NF,2NF,3NF),indexing.
- Palindrome, questions on recursion
- Explain stack and queue. Have you used stack or queue in any of your projects?
- Which platforms are you comfortable with? Have you used UNIX?
- Difference between Windows7 and Windows XP?
- Difference between single core and multi core processors.
- Virtual functions, OOPS concepts like inheritance(explain using example),abstraction
- Multithreading - its benefits, applications, thread vs process.
- Cryptography-public key, private key
- Explain encryption , decryption
- What are the methods used for encryption of data?
- Puzzle-   I
              I I
             I I I
            I I I I
    Invert this triangle by picking minimum sticks
- Questions based on microprocessors and microcontrollers
- Any questions

2. ## HR round:

- Why do you think are you better than Comps/IT candidates?
- Rate yourself in C and Java
- How much do you code daily?
- You scored first rank in Physics in junior college, then why dint you take Physics as your career?
- Why do you want to join Diebold?
- Explain TE project and BE project
- Why did you score such high marks in Sem 4?(I said bcoz the subjects were quite interesting :P)

- Name the subjects in Sem 4 (I couldn't recollect all of them :P)

Sites to refer :
Geeksforgeeks ,indiabix, Programmerinterview