

## HCL Technology Interview 2001 in MKU

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Technical interview is held for 30 min to 1 hr 20min depending upon the stuff. Concentrated areas are

- > 1) OS Concepts
- > 2) C Programming skill
- > 3) OOPs concepts
- > 4) Basics of Networking
- > 5) Data structures

Only basic QP like

- 1) What is fragmentation? How do overcome?
- 2) What is semaphore?
- 3) What are the IPC Mechanism available? Illustrate with example
- 4) What is structure and union in c? write the code and explain how they are storing in the memory?
- 5) They will ask to write one c program ?
- 6) Explain the data struture (code) for the data structures
  - i) Double linklist
  - ii) Minimum spanning tree
  - iii) BFS and DFS
  - iv) AVL tree
  - v) Reverse the linklist
- 7) Difference between malloc and calloc?
- 8) write a prg in macro in c?
- 9) Write a simple MFC program to create a window?  
(They aaked me write a prg to create a window)

## I BUSINESS ANALYTICAL TEST

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In each of the following questions, a related pair of words are given followed by 5 pairs of words.

Select the pair that best expresses a relationship similar to that expressed in the original pair.

1. Mode : Style
  - a. truth : fibbing
  - b. falsehood : lying
  - c. promise : breaking
  - d. dream : waking
  - e. walk : jumping
2. Expletive : Swearing
  - a. divide : separate
  - b. method : guidance
  - c. path : arrangement

- d. athletics : football
- e. diet : cucumber

3. Blue print : Draft  
 a. proposal : outline  
 b. poem : script  
 c. copy : original  
 d. story : pen  
 e. strategy : scheme  
 ans:(e)

Each of these sentences is followed by a set of alternatives.  
 Select the choice which best completes the sentence.

4. Freedom can be .... by the tyrant or .... by the bureaucrat  
 a. withheld - upheld  
 c. granted - taken  
 b. crushed - cherished  
 d. squashed - suffocated  
 ans:(b)

5. Owing to our extreme ethnic and social ....., the question of  
 languages and territoriality have always generated a lot of

a. cohesion - unanimity c. consciousness - hypocrisy  
 b. diversity - controversy d. heritage - division  
 ans:(b|d)

6. We have a ..... responsibility to deal with present issues, th a  
 complete understanding of their impact on the generations.  
 a. historical - coming  
 c. moral - future  
 b. national - bygone  
 d. ethical - future  
 ans:(c)

The questions below consist of a group of sentences followed by  
 suggested arrangements. Select the best sequence.

7. 1. In the face of all this, a potential predator can hardly be  
 blamed  
 for not realizing that the lizard is harmless.  
 2. The frill stands out in a disc upto 2 feet across.  
 3. The lizard adds to its alarming increase in apparent size by openin  
 g  
 its mouth to reveal a bright yellow interior,an