

# HCL Placement Paper

1. How many segment registers are there in the 8086 processor?

a) 4 b) 6 c) 8 d) none

Ans: a

2. What is the addressing mode of this instruction MOV AL, [BX];

a) direct addressing mode  
b) register indirect addressing mode

ANS: b I am not sure of it.

3. What is the type of file system used in the CD ROM?

a) VFAT B)

4) About CPU I think but answer is DMA.

5) If we double the clock speed, then?

a) It increases the speed of the processor b) It increases the speed of the system bus c) both of

the above D) None

6) Data recovery is done in which layer?

a) physical b) datalink c) network d) transport

7) What is thrashing?

ANS: swapping in and out the pages frequently from memory.

8) By using 3 nodes how many trees can be formed?

ANS:5

9) They give one tree, and ask the post order traversal for that tree?

10) Page cannibalation is?