CMC Technical Question

1. If we use front end processor for I/O operations then the load will be reduced on
    ans:cpu

2. one question on DMA
    ans:DMA

3. In list of 4 numbers the maximum number of comparisions to find the maximum and immediate maximum number

4. Confuguration management does not consider about
    ans:hard ware devices.

5. The most important factor of the coding: ans:readability.

6   Which of the following testing methods is used as a aceptency test
    ans:functional testing

7. If the number of conditions in the decision table is n,the max number of
    ans:2 power n

8. What is meant by swaping?

9. If(node!=null)
    {
    write(node) A(left B,right D)
    traverse(right subtree) D(left E,right f)
    write(node)
    traverse(left subtree)}

10. A question on Functional Dependencies which is not FD in the following?

11. If T(x)=2T(x/2)+1 T(1)=1 and n is the power of 2 then T(x)=?
    ans:(2n-1)

12. If we want to access the data and members of a class to the immediate derived class which access specifier is used?
    ans:protected

13. Two questions on Queries(sql) technical test is easy.u must attempt first data comparisons, then arithmetic, then datasufficiency.

14. windows NT is:
    1. extension to windows 95 2)mutiprocessing system
    3. provides GUI 4)none of the above.

C Questions

Read Exploring in c:(bitwise operators,precedence)
1.   main()
      {
       int x=10,y=5,p,q;

```
        p=x>9;
        q=x>3&&y!=3;
         printf("p=%d q=%d",p,q);
        }ans:1,1.
```

2.   main()
```
       {
          int x=11,y=6,z;
          z=x==5 || !=4;
          printf("z=%d",z);
        }ans:1
```

3   main()
```
       {
          int c=0,d=5,e=10,a;
          a=c>1?d>1||e>1?100:200:300;
          printf("a=%d",a);
        }ans:300
```

4   main()
```
       {
          int i=-5,j=-2;
          junk(i,&j);
          printf("i=%d,j=%d",i,j);
          }
         unk(i,j)
          int i,*j
         {
            i=i*i;
            *j=*j**j;
         }
         ans:-5,4;
```

5   #define NO
```
      #define YES
      main()
        {
          int i=5,j;
          if(i>5)
              j=YES;
          else
              j=NO;
         printf("%d",j);
          }
       ans:Error message
```

6.   main()
```
        {
          int a=0xff;
           if(a<<4>>12)
             printf("leftist)
           else
```

```
        printf("rightist")
    }
    ans:rightist
```

7   main()
```
    {
      int i=+1;
      while(~i)
      printf("vicious circles")
    }
    ans:continuous loop.
```

8   One question on assigning two different structures; i.e structure1 variable1=structure1 variable2