NCR-Teradata Sample Paper
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Company	:	NCR-Teradata
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College	:	

Section I

1)"DONT COUNT EGGS BEFORE THEY ARE HATCHED" means
2)(0.975*0.975*0.975-1)*(0.975*0.975+0.975-1)
3)The traffic lights at three different road crossings change after
every 48sec,72sec,108sec respectively.If they change simultaneously at
8:20:00 hours, then they will change again simultaneously at
a)8:47:00 b)8:27:00 c)8:27:12 d)8:37:00
4)Sum of reciprocals given(value dont rem),Differnce of the reciprocals
given,asked to find the no
a)3,1/4 b)2/3,8/9 c) d)
5)Two no 1361,1468(dont rem) when divided by certain no leaves
remainder 7,11 resp .Find the divisor.
6)Given 15 lt of mixture contains milk:water in the ratio 3:1.How much
more water has to be added to get a mixture containing milk and water
in the ratio 2:1?
7)the age of the father is 18 years older to his son.After 5 years
fathers age becomes thrice of his son,What is fathers present age.
8)If the poopulation in '99 is given(dont rem value) & poplation in
2003 given.What is the percentage increase in population.
9)if the avg of 11 no is given __,sum of first six is given__,sum of
last six is given__.then find the sixth number.
10)If one of the sides of a triangle is increased by 10%,other side is
increased by 15%.what is the percentage increase in area.
11)A two digit no such that it is thrice the sum of the digits.Find the
no?
12)x*24=256.find x.
13)2002-(w-1000)-1000=2002 find w.
14)Time and work simple problem
15)Bankers discount-1
16)Compoud interest-1
17-21)Data interpretation.
Given a garph for two students A,B,
x-axis:name of the subject
y-axis:marks obtained by them.
Total marks in each Maths,Phy,chemistry is 200,total marks in each

Hindi,geo,Eng is 150

Asked 5 Q

17)What is the percentage of marks B achieved in Hindi to the percentage of marks B achieved in Physics.

18)What is average marks of B in all subjects.

19)What is the diff in percentage of marks ontained by A to that of marks obtained by B in all th subjects.

20)In how many subjects B has got more than 70%.

21)dont rem

22)If the cost of certain no of pens is 450.If more pens could be brought at same rate but if the cost of each pen is reduced by Rs15.What were the total no of pens he bought.

23)The hand shake problem Shakuntala Devi.

24)A man travels 8 kms to his south.He then takes left and travels another 4 kms.he then takes left and travels another 11kms.How far is he from starting point.

25) Octal equivalent of (BAD)16.sive factorial computation.

Section II

31)Are both free() and delete() used for deaollocation of memory.
32)pubic class Myclass
{
Myclass a,b;
Myclass x=new Myclass()
}
No of times the constructor is called.
33)It is better to implement tree using
a)stack b)array c)LL d)structures
34)Given def of 1)overloading
              2)overriding
Asked whether.
a)1 is only correct
b)2 is only correct.
c)both 1 & 2 are correct
d)None of them is correct.

35)void main()
{
extern int i;
i=20;
printf("%d",i);
}
a)20 b)0 c)compiler error   d)linker error

36)float me=0.7;
   double you=0.7;
   if(me==you)
     printf("I luv u");
   else printf("I hate u");

37)Can constructors have return types
a)Cant have
b)Compiler can internally return values from constructors
c)Can jave

38)If pstr is a pointer.Tell which is better.
1)if((length(pstr)>=65) && (pstr!=NULL))
2)if((pstr!=NULL)&&(length(pstr)>=65))
a)Makes no diff
b)Only 1 is correct
c)Only 2 is correct
d)Both are wrong

39)void main()

```
        {
        static int var=5;
        printf("%d",var--);
        if(var)
                main();
        }
```

40)void main()
```
        {
        int const *p=5;
        printf("%d",++(*P);
        }
```

41)Mr Bean asked to design a student class(in C) to store
rollno,name,marks.If the task was given
to you ,U would implement using
a)Multridimensional array
b)structurs
c)LL
d)stack

42)main()
```
{
        int c[ ]={2.8,3.4,4,6.7,5};
        int j,*p=c,*q=c;
        for(j=0;j<5;j++) {
                printf(" %d ",*c);
                ++q;      }
        for(j=0;j<5;j++){
printf(" %d ",*p);
++p;      }
}
```

43)main()
```
{
int i=1;
switch(i)
{
default:printf("Default");
break;
case 1:
printf("one");
case 2:
printf("Two");
case 3:
printf("Three");
}
```

```
}
```
a)one b)default c)one two three d)one default

44)Containship is similar to
a)Generalization b)inheritance c)Delegation d)Genercity

45)Ternary Operator is
1)?: 2)>= 3)! 4)*