

## Mathematics Section:

1) A can do a work in 31 days and B can do the same work in 8 days, A alone started the work after few days he was joined by B, and the work completed in 10 days. After how many days A is been joined by B.

2) In an election between 2 candidate one have got 53% votes and won by 1057 votes, how many votes were there ?

3) A spent 3589 Rs. In first four months and 5216 Rs. In next eight months, if he saves 2368 Rs per month then what is his salary ?

4) A man sells a bike and a cow in 14000 Rs., by selling his bike he loses 20% and gained 20% in selling his cow, if the total profit was 200 Rs. Then what was the cost price of cow?

5) Two no. are in 2:3 ratio if the three fifth of the first number is added to two third of the second no then the new ratio will be ?

6) The cp a ltrs of milk is 12 rs, a milk man purchases 20lts of milk and wants to earn 200Rs. in the transaction if he sells 20 ltrs of milk then how much water will be the sp of a ltr milk.

And simple problem on ages, allegation, time and distance etc.

## Technical Questions:

1) Which is the fastest : FTP, TELNET, TCP, etc.

2) output:

```
main(){
int x=20,y=35;
x= x++ + y++;
y = ++x + ++y;
printf("%d %d",x,y);
}
```

3) `char *p[]="rachit and devender";`  
`printf("%C",++(p[4]));`

```
4)const char *p[]="abhishek and Ankur";
char k='a';
p[1]=k;
printf("%s",p);
```

```
5)main(){
extern int i;
i=5;
printf("%d",i);
}
```

```
6) main(){
int i,j=2;
if(i%j !=0)
j=5;
printf("%d",j);
}
```

For what values of i the output will be 5 : options 1)when i is even 2) odd 3)prime 4) for all

7)complexity of merge sort .?

8)which sorting also will use to sort {1,2,3,4,5} ?

9)which cpu register holds the address of next instruction?

```
10)Main(){
Char *p[]="pradeep mani";
Printf("%c%c%c%c",p[i],i[p],(*p+1),*(p+1));
}
```

11) select \* from dual ; output..??

12) we cant typedef (i) pointers (ii) function (iii) double (iv) I and II both