SAMPLE PAPER Aptitude

1. For the first qustion in the paper answer is (30).
2. Five trays cost is 0.35 each and dozen----- (ans:Rs13.75)
3. In a journey of 15 miles two third distance was travelled with 40 mph and remaining with 60 mph.How muvh time the journey takes...(ans:20 min)
4. A man walks from 9.15 to 5.15 from monday to friday and 9.00 to 12.00 on saturday.Each day 0.45 min lunch.How much time he walks in a week...(ans: 39hrs15min).
5. 12 revolutions takes 1/8 th second time.In 20 seconds how many revolutions...(ans:1920)
6. In 60 reems of paper 40 reems were utilised then what percent will remain...(ans:33.33%)
7. A started at 9.00 am with 6 mph and B started at 9.30 am with 8mph in the same direction. At what time they will meet... (ans:11.00am)
8. In a storage stall of 5x3x2inch.How many blanks of size 2x1x1inch can be stored..(ans:15)
9. In a company 3/5 of people know shorthand 1/4th know typing and 1/5 know both. What fraction of people do not know both.. (ans:35%)
10. A man how many bikes of Rs 14000 can buy by selling 2100 bikes of Rs500 of each (ans:75)
11. A company requires 11,500 strength.present employees are 200 women , men and 6500 unmarried To reach the target how many women required to maintain the same ratio (ans : 300)
12. What is the time required to punch 1500 cards of 50 column each at the rate of 10,000 punches per hour (ans:7hr 30min)
13. In a group of five persons A,B,C,D,and E
a)A and C are intelligent in English and Reasoning.
b)B and C are intelligent in English and General Awareness.
c)E and D are intelligent in Arithmatic and Inteview.
d)E is intelligent in Interview,reasoning and Arithe matic.
e)B and D are intelligent in Arithematic and General Awareness.

1) Who is intelligent in English,arithematic,and general awareness (ANSWER:B)
2)Who is intelligent in english and reasoning but not in general awareness (ans:A)
3)Who is intelligent in Arithematic,General Awareness and Interview (ans:D)
4)Who is intelligent in English General Awareness and Reasoning (ans:C)
5)Who is intelligent in Arithematic,Reasoning and Interview(ans:E)

14. Five persons A,B,C,D and E were travelling in a car.They were two ladies in the group. Of them who knew the car driving one was a lady.A is brother of D.B wifeof D,drve at the begining.
E drive at the end.
1)Which of the following is a pair of brothers.(ans:A,D)
2)Who was the other lady in the group.(ans:C)
3)In the case of which the following pairs,no relationship
can be established with one else in the group (ans:C,E)
4)How was E related to A.(ans:DATA INADEQUATE)
15. A man said to woman " your only brother's son is my wife's brother". How is the woman related to the man's wife...(ans:AUNT)
Technical

1. The following variable is available in file1.c
static int average_float;
all the functions in the file1.c can access the variable
2. extern int x;
 Check the answer

3. Another Problem with
define TRUE 0
some code
while(TRUE)
{
some code
}
This won't go into the loop as TRUE is defined as 0
4. A question in structures where the memebers are dd,mm,yy.
mm:dd:yy
09:07:97
5. A question with argc and argv .
Input will be
6.
```c
main()
{
int x=10,y=15;
x=x++;
y=++y;
printf("%d %d\n",x,y);
}
```
find the output?

7.
```c
int x;
main()
{
int x=0;
{
int x=10;
x++;
change_value(x);
x++;
Modify_value();
printf("First output: %d\n",x);
}
x++;
change_value(x);
printf("Second Output : %d\n",x);
Modify_value();
printf("Third Output : %d\n",x);
}
Modify_value()
{
return (x+=10);
}
change_value()
{
return(x+=1);
}
```
find the output?
8.
```c
{
int x=20,y=35;
x = y++ + x++;
y = ++y + ++x;
printf("%d %d\n",x,y);
}
```
find the output?
9.

```
main()
{
char *p1="Name";
char *p2;
p2=(char *)malloc(20);
while(*p2++=*p1++);
printf("%s\n",p2);
}
find the output?

10.
main()
{
int x=5;
printf("%d %d %d\n",x,x<<2,x>>2);
}
find the output?
11.
#define swap1(a,b) a=a+b;b=a-b;a=a-b;
main()
{
int x=5,y=10;
swap1(x,y);
printf("%d %d\n",x,y);
swap2(x,y);
printf("%d %d\n",x,y);
}

int swap2(int a,int b)
{
int temp;
temp=a;
b=a;
a=temp;
return;
}
find the output?

12.
main()
{
char *ptr = "Ramco Systems";
(*ptr)++;
printf("%s\n",ptr);
ptr++;
printf("%s\n",ptr);
}
find the output?
13.
#include<stdio.h>
main()
{
char s1[]="Ramco";
char s2[]="Systems";
s1=s2;
printf("%s",s1);
}
find the output?
14.
#include<stdio.h>
```

```
main()
{
char *p1;
char *p2;
p1=(char *) malloc(25);
p2=(char *) malloc(25);
strcpy(p1,"Ramco");
strcpy(p2,"Systems");
strcat(p1,p2);
printf("%s",p1);
}
```