APTITUDE TEST

20 QUESTIONS;2 MARKS EACH

TIME-20MINUTES

1) ONE RECTANGULAR PLATE WITH LENGTH 8INCHES,BREADTH 11 INCHES AND 2 INCHES THICKNESS IS THERE.WHAT IS THE LENGTH OF THE CIRCULAR ROD WITH DIAMETER 8 INCHES AND EQUAL TO VOLUME OF RECTANGULAR PLATE?

ANS: 3.5INCHES

2) WHAT IS THE NUMBER OF ZEROS AT THE END OF THE PRODUCT OF THE NUMBERS FROM 1 TO 100

3) in some game 139 members have participated every time one fellow will get bye what is the number of matches to choose the champion to be held?

ans: 138

4) one fast typist type some matter in 2hr and another slow typist type the same matter in 3hr. if both do combinely in how much time they will finish.

ans: 1hr 12min

5) in 8*8 chess board what is the total number of squares

refer odel

ans:204

6) falling height is proportional to square of the time.

one object falls 64cm in 2sec than in 6sec from how much height the object will fall.

7) gavaskar average in first 50 innings was 50 . after the 51st innings his average was 51 how many runs he made in the 51st innings

8)2 oranges,3 bananas and 4 apples cost Rs.15 . 3 ornages 2 bananas 1 apple costs Rs 10. what is the cost of 3 oranges, 3 bananas and

3 apples ANs Rs 15.

9)in 80 coins one coin is counterfiet what is minimum number of

weighings to find out counterfiet coin

10)in a company 30% are supervisors and 40% employees are male

if 60% of supervisors are male. what is the probability

that a randomly choosen employee is a male or female?

11)statement: all green are blue are blue, all blue are white

conclusion:

I) some blue are green II) some white are green

III)some green are not white IV) all white are blue

a) he has given four choices like gre type

12)all teachers are students. some students are girls.

this type of questions are there.

we cant able to reproduce them.:wq

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SECTION B (all multiple choices)

(each q carries 3 marks)

1.while((*p++=*q++)!=0){}

is equal to

a) b) c) d)

2.the function strcmp(str1,str2) returns

3. int *x[](); means

4.#define PRINT(int) printf("int=%d",int);

main()

{int x,y,z;

x=03;y=-1;z=01;

PRINT(x^x);

z<<=3;PRINT(x);

y>>=3;PRINT(y);

```
}ans 0,3,-1

5. struct list{

int x;

struct list *next;

}*head;

the struct head.x =100

above is correct / wrong ans:wrong

6. '-'=45 '/'=47

printfr(%d/n,'-','-','-','-','/','/','/');

o/p =? ans:45

12.o/p=?

int i;

i=1;

i=i+2*i++;

printf(%d,i);

8.{ ch='A';

while(ch<='F'){

switch(ch){

case'A':case'B':case'C':case'D':ch++;continue;

case'E':case'F':ch++;

}

putchar(ch);

}

} a)ABCDEF b.EFG c.FG d.error ans:C

9. FILE *fp1,*fp2;

fp1=fopen("one","w")

fp2=fopen("one","w")

fputc('A',fp1)

fputc('B',fp2)
```

```
fclose(fp1)

fclose(fp2)}

a.error b.'B' c.'A' d.'C' ans:b

10. int a=1; b=2; c=3; *pointer;

pointer=&c;

a=c/*pointer;

b=c;

printf("a=%d b=%d",a,b);

a. a=1 b=3

b a=3 b=3

c 3 2

d. error ans:d

11.#include<malloc.h>

char *f()

{char *s=malloc(8);

strcpy(s,"goodbye")}

main()

{

char *f()_;

printf("%c",*f()='A');

o/p=?

13. int sum(n)

int n;

if(n<1)return n;

else return(n+sum(n-1))

a 10 b 16 c 14 d 15 ans:d

14. when a function is recursively called all ,

automatic variables are a. stored in stack b . c. d ans a

15) #define MAN(x,y) (x)>(y)?(x):(y)
```

```
{ int i=10;j=5;k=0;

k= MAN(i++,++j)

printf("%d %d %d" ,i,j,k)} ans 12 6 11

16) a=10;b=5; c=3;d=3;

if(a<b)&&(c=d++)

printf("%d %d %d %d" a,b,c,d)

else printf("%d %d %d %d" a,b,c,d); ans 10 5 3 3

: ........................................

19. what is o/p

#include<stdarg.h>

show(int t,va_list ptr1)

{

int a,x,i;

a=va_arg(ptr1,int)

printf("\n %d",a)

}

display(char)

{int x;

listptr;

va_star(otr,s);

n=va_arg(ptr,int);

show(x,ptr);

}

main()

{

display("hello",4,12,13,14,44);

}

a) 13 b) 12 c) 44 d) 14

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```

17. if the following program (my prog)

```
main(int size of ,char *arg[])
{ while(size of arg) printf("%s",arg[--size of arg)
}
```

is run from the command line as myprog jan feb mar apr

what would be the o/p

a)myprog jan,feb,mar,apr

b)rev

c)jan,feb,mar,apr

d)error ans:b

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18.what is o/p

```
main()
{int i=3;
while(i--)
{
int i=100
i--;
printf("%d..",i);
}
}
```

a) infinite loop

b) error

c) 99..99..99..99

d) 3..22..1.. ans :c

.....

20)what is the o/p of the program

```
#define rows 3
#define colums 4
```

```
main()

{

int a[rows][colums]={1,2,3,4,5,6,7,8,9,10,11,12};

i=j=k=99;

for(i=0;i<rows;i++)

for(j=0;j<colums;j++)

if(a[k][j]<k) k=a[i][j];

printf("%d\n",k); ans:1

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```