

## Talisma Sample Paper Questions

### Technical Questions:

1.

```
main()
```

```
{
```

```
char *str;
```

```
str=char*malloc(20*sizeof(char));
```

```
strcpy(str,"test");
```

```
strcat(str,!,);
```

```
printf("%s",str);
```

```
}
```

2. How many times main is get called :

```
main()

{

printf("Jumboree");

main();

}
```

ans: till stack overflow.

3. Which statement is true about main :

(i) Variable no. of Arguments can be passed main.

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(ii) Main can be called from main();

(iii) We can't pass arguments are passed in main

(iv) main always returns an int

4. Output ?

```
main()
```

```
{
```

```
int i,j;
```

```
for(i=0,j=0;i<5,j<25;i++,j++);
```

```
printf("%d %d",i,j);
```

```
}
```

5.main()

```
{
```

```
int i;
```

```
if(i=0) //it,s assisment not logical operator
```

```
printf(" Hell ");
```

```
else
```

```
printf("Heaven");
```

```
}
```

6.choose correct

(i)stack is automatically cleared

(ii)heap is automatically cleared

(iii)user has to clear stack and heap

(iv)system takes care of -----

7. What will be the output:

```
main()
```

```
{char *a,*f();
```

```
a=f();
```

```
printf("%s",a);
```

```
}
```

```
char *f()
```

```
{
```

```
return("Hello World");
```

```
}
```

8.What will be the output:

```
main()
```

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```
{char*a,*f();
```

```
a=char*malloc(20*sizeof(char));
```

```
a=f();
```

```
printf("%s",a);
```

```
}
```

```
char *f()
```

```
{char n[20];
```

```
strcpy(n,"Hello World");
```

```
return(n);
```

```
}
```

9.What is the error :

```
main()
```

```
{
```

```
int j=10;
```

```
switch(j)
```

```
{
```

```
case 20:
```

```
printf("Less than 20");
```

```
break;
```

```
case 30:
```

```
printf("Less than 30");
```

```
break;
```

```
default:
```

```
printf("hello");
```

```
}
```

10. which is valid :

(i) char arr[10];

```
arr="hello";
```

(ii) char arr[]="hello";

11. what does p in

```
const char *p
```

stands for

p can be changed like this



12.main()

{

struct date {

char name[20];

int age ;

float sal;

};

struct data d ={"rajesh"};

printf("%d%f",d.age,d.sal);

}

tell the output

13.main()

```
{  
  
int i=7;  
  
printf("%d"i++*i++);  
  
}
```

output

14.void main()

```
{  
  
int d ;  
  
int i=10;  
  
d =sizeof(++i);  
  
printf("%d");  
  
}
```

output

15. main()

{

int n=39,count=0;

while( i & 1) //some condition like this

{

count++;

i>>1;

}

}

value of count?

ans:4

16. #define max 10

main()

{

printf("\n%d",max++);

}

ans:compiler error

17. main()

{

int a[]={1,2,9,8,6,3,5,7,8,9};

int \*p=a+1;

int \*q=a+6;

```
printf("\n%d",q-p);
```

```
}
```

ans:5

18.

```
#include <stdio.h>
```

```
void temp(int i)
```

```
{
```

```
if(i == 10) return;
```

```
i++ ;
```

```
temp(i);
```

```
printf("%d" , i);
```

```
}
```

```
int main()
```

```
{
```

```
temp(1);
```

```
}
```

Output :

19.

```
int func (int (*)(int) , int);
```

```
int cube(int n)
```

```
{
```

```
return (n*n*n);
```

```
}
```

```
int main()
```

```
{  
  
printf("%d" , func(cube , 4));  
  
}  
  
int func(int (*tmp)(int in) , int n)  
  
{  
  
int res , i;  
  
for(i = 1 ; i <= n ; i++)  
  
res += *(tmp)(i);  
  
return res;  
  
}
```

Output :

20. What is the output of the program

```
#include<stdio.h>
```

```
#include<conio.h>
```

```
void main()
```

```
{
```

```
int i=1*4/3-27%3^2+100*0.5-(4>3?1:2);
```

```
clrscr();
```

```
printf("%d",i);
```

```
getch();
```

```
}
```

```
// A. 49
```

```
// B. compile error
```

```
// c. 51
```

```
// D. 48
```



Ans: b