

ISOFT Placement Paper (Technical-C Section)

C Questions :

1. a=5, b=3, c=a, b

d=(a,b)

printf(c,d)

ans: c=5, d=3

2. e(int n)

{

if(n>0)

{

...(not clear)

printf("%d", n);

e(--n);

}

return

}

ans: 0, 1, 2, 0

3. which has no problem with pointers

int *f1()

{

int n;

```
return (n)
```

```
}
```

```
int *f2()
```

```
{
```

```
int *p;
```

```
*p=3;
```

```
return p;
```

```
}
```

```
int *f3()
```

```
{
```

```
int *p;
```

```
p=malloc();
```

```
return p;
```

```
}
```

ans:no error

4.header file ->contains declarations.

5.sizeof operator is executed during compile time..

6.*p+=1

*p++

are these two same?

not same.

7.func(int i)

```
{
```

```
static int count;
```

```
count=count+i;
```

```
}
```

ans:1+2+3...(counts values does not go after funtion call)

8.is('a'<'b') true

9.short int=16 bits

10.4 stmt. ans.int float i;

11.int num[3];

```
num[3]=2;
```

ans:first stmt deals with size

second deals with element

12.j=4

```
for(int i=0;i<5;i++)
```

```
{
```

```
j++;
```

```
++j;
```

```
}
```

output of j.

ans:14

13.char s1[20]="hello world";

```
s1[5]="\0";
```

```
printf("%d",strlen(s1));
```

```
printf("%%.%...(not clear)",s1);
```

```
}
```

ans:bad format specifier

14.brace { used in c for what ans:convention

15.parameters in c passed by ans:value.

16.when an array is passed it is by ans:pointer.

17.scanf can read ans:any data type

18.which can't be passed to subroutine.ans:preprocessor directive.

19.to get string of words..ans:gets()

20.external variables can be accessed ans:in functions which use them.

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