Quiz-4
IC-100: Introduction to Programming

Time-15 min

Question-1

How many times is 'a' printed when the following C code is executed?

```
#include <stdio.h>
int f1(int b);
main()
{
int a;
a=f1(6);
printf("%d",a);
}
int f1(int b)
{
if(b==0)
return 0;
else
{
printf("a");
f1(b - -);
} }
```

Ans.

Question-2

What does the following function print for n = 25?

```
void fun(int n) {
if (n == 0)
return;
printf("%d", n%2);
fun(n/2); }
```

Ans.

Question-3

What is the output of the following code snippet?

```c
#include <stdio.h>
main()
{
int n=6;
int f(int n);
printf("%d",f(n));
}
int f(int n)
{
if(n>0)
return(n+f(n-2));
}
```

Ans.

Question-4

How many times is 'a' printed when the following C code is executed?

```c
#include <stdio.h>
int f1(int b);
void main() {
int a;
a=f1(6);
printf("%d",a); }
int f1(int b)
{
if(b==0)
return 0;
else
{
printf("a");
f1(b - 1);
} }
```

Ans.

Question-5

What is the output of the following code snippet?

```c
#include <stdio.h>
int main() {
main(5);
return 0; }
```

Ans.