

Quiz-1

IC-100: Introduction to Programming

Time-20 min

Question-1

What will be the output of the following code snippet?

```
#include <stdio.h>
int main() {
int a = 3, b = 5;
int t = a;
a = b;
b = t;
printf(" %d %d", a, b);
return 0;
}
```

Ans.

Question-2

What will be the output of the following code snippet?

```
#include <stdio.h>
int main() {
float a = 3, b = 5;
int t ;
t=(int)b%a;
printf(" %d",t);
return 0;
}
```

- | | |
|-------------------|----------------------|
| a) 2 | b) Compilation Error |
| c) Run time Error | d) None of the above |

Question-3

What is the output of the following code snippet?

```
#include <stdio.h>
int main() {
int sum = 2 + 4 / 2 + 6 * 2;
printf("%d", sum);
return 0;
}
```

Ans.

Question-4

What is the output of the following code snippet?

```
#include <stdio.h>
int main()
{
int x, y = 5, z = 5;
x = y == z;
printf("%d", x);
return 0;
}
```

- | | |
|-------------------|----------------------|
| a) 1 | b) Compilation Error |
| c) Run time Error | d) 5 |

Question-5

What is the output of the following code snippet?

```
#include <stdio.h>
int main()
{
int x=3, y = 5, z = 1;
if(x<y==z)
printf("Hello");
printf("World");
return 0;
}
```

- a) Hello
- b) Compilation Error
- c) World
- d) HelloWorld

Question-6

What is the output of the following code snippet?

```
#include <stdio.h>
int main()
{
    int x;
    scanf("Enter a number %d",&x);
    printf("%d",x); return 0;
}
```

- a) Compilation Error
- b) Run time Error
- c) Garbage Value
- d) Input Given by the User

Question-7

What is the output of the following code snippet?

```
#include <stdio.h>
int main()
{
    int p = 1, q = 2, r = 3, s = 4, x;
    x = r + s = q * p;
    printf("%d, %d ", x, s);
}
```

- a) Compilation Error
- b) Run time Error
- c) 5,2
- d) 7,2

Question-8

Out of the following, which one is not valid as an if-else statement?

- a) if ((char) x)
- b) if (x)
- c) if ((int) x)
- d) if (if (x == 1))

Question-9

What is the output of the following code snippet?

```
#include <stdio.h>
int main()
{
    int a=0;
    a = printf("4");
    printf("%d",a);
    return 0;
}
```

- | | |
|----------------------|-------|
| a) 14 | b) 41 |
| c) Compilation Error | d) 40 |

Question-10

What is the output of the following code snippet?

```
#include <stdio.h>
int main()
{
    int a=10,b=20;
    if(a==9 AND b==20)
    {
        printf("Hurray");
    }
    if(a==10 OR b==21)
    {
        printf("Theatre");
    }
    return 0;
}
```

- | | |
|----------------------|------------------|
| a) Compilation Error | b) Hurray |
| c) Theatre | d) HurrayTheatre |