

|                     |                                 |
|---------------------|---------------------------------|
| <b>Started on</b>   | Thursday, 22 May 2025, 10:34 AM |
| <b>State</b>        | Finished                        |
| <b>Completed on</b> | Thursday, 22 May 2025, 10:46 AM |
| <b>Time taken</b>   | 11 mins 59 secs                 |
| <b>Marks</b>        | 6.00/15.00                      |
| <b>Grade</b>        | <b>40.00</b> out of 100.00      |

**Question 1**

Incorrect

Mark 0.00 out of 1.00

what will be the output of the following c program?

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

```
int main(){
```

```
    int k=35;
```

```
    printf("%d %d %d", k==35,k=50,k>40);
```

```
}
```

- ☐ a. 0 0 0
- ☐ b. 35 50 40
- ☒ c. 0 50 0 ✖
- ☐ d. 1 50 1

Your answer is incorrect.

**Question 2**

Incorrect

Mark 0.00 out of 1.00

What is the output of this C code

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

```
int main()
```

```
{
```

```
int a,b,c;
```

```
c=scanf("%d%d",&a,&b); //assume a=5 b=6
```

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

```
return 0;
```

```
}
```

Scanner

no \$ b

- ☒ a. 2
- ☐ b. 5 ✗
- ☐ c. 6
- ☐ d. none

Your answer is incorrect.

**Question 3**

Correct

Mark 1.00 out of 1.00

What will be the output of the following C code snippet? #include int main() { int i = 0; while (i < 5) { if (i % 2 == 0) printf("%d ", i); i++; } return 0; }

- ☐ a. 1 3
- ☒ b. 0 2 4 ✓
- ☐ c. 0 1 2 3
- ☐ d. 0 1 2 3 4

Your answer is correct.

**Question 4**

Incorrect

Mark 0.00 out of 1.00

what will be the output of the following c program

```
int main(){
    char str[]="Hello\0world";
    printf("%s",str);
    return 0;
}
```

- ☐ a. .Hello World
- ☒ b. compilation error ✗
- ☐ c. Hello
- ☐ d. World

String is terminated by \0

Your answer is incorrect.

**Question 5**

Incorrect

Mark 0.00 out of 1.00

What is the output of this program? #include using namespace std; int main() { unsigned int x = 3; while (x-- >= 0) { printf("%d ", x); } return 0; }

- ☒ a. 3 2 1 0 ✗
- ☐ b. infinite loop
- ☐ c. 2 1 0 ✗
- ☐ d. 2 1 0 -1

no sign  
it'll wrap to  
most signed  
-1 = 4294967295

Your answer is incorrect.

**Question 6**

Correct

Mark 1.00 out of 1.00

What will be the output of the following C code snippet?

```
#include <stdio.h>

int main() {
    int arr[] = {10, 20, 30, 40, 50};
    int *ptr = arr;
    printf("%d\n", *(ptr + 3));
    return 0;
}
```

- ☐ a. 30
- ☐ b. error
- ☐ c. 10
- ☒ d. 40 ✓

Your answer is correct.

**Question 7**

Correct

Mark 1.00 out of 1.00

What will be the output of the following C code snippet?

```
#include <stdio.h>

int func(int x) {
    return x * x;
}

int main() {
    int result = func(3) + func(4);
    printf("%d\n", result);
    return 0;
}
```

- ☒ a. 25 ✓
- ☐ b. 7
- ☐ c. 49
- ☐ d. 12

Your answer is correct.

**Question 8**

Correct

Mark 1.00 out of 1.00

Find the output of the following c program? Assume size of integer is 4.

```
#include<stdio.h>

main()
{
    int a=1;
    printf("size of a is %d",sizeof(++a));
    printf("value of a is %d",a);
}
```

- ☐ a. size of a is 4, value of a is 4
- ☐ b. None
- ☒ c. size of a is 4, value of a is 1 ✓
- ☐ d. size of a is 4, value of a is 2

Your answer is correct.

**Question 9**

Incorrect

Mark 0.00 out of 1.00

What is the output of this program?

```
#include <iostream>

using namespace std;

int main()
{
    int x = 3, k;
    while (x-- >= 0) {
        printf("%d ", x);
    }
    return 0;
}
```

- ☒ a. 3 2 1 0 ✗
- ☐ b. infinite loop
- ☐ c. 2 1 0 -1 ✓
- ☐ d. -65535

Your answer is incorrect.

**Question 10**

Correct

Mark 1.00 out of 1.00

What is the output of c code?

```
#include<stdio.h>

int main() {
    int a, b;
    a = -3 - -25;
    b = -3 - -(-3);
    printf("a=%d b = %d",a,b);
    return 0;
}
```

- ☐ a. a=-6 b=22
- ☒ b. a=22 b=-6 ✓
- ☐ c. a=3 b=3
- ☐ d. no output

Your answer is correct.

**Question 11**

Incorrect

Mark 0.00 out of 1.00

What is the output of this program?

```
#include <iostream>
using namespace std;
int main()
{
    printf("value is = %d", (10 ++));
    return 0;
}
```

- ☐ a. run time error
- ☒ b. 10 ✗
- ☐ c. 11
- ☐ d. compile time error ✓

Your answer is incorrect.

**Question 12**

Incorrect

Mark 0.00 out of 1.00

What is the output of the following code

```
#include <stdio.h>

int main()
{
    float c=5.0;
    printf("Temperature in Fahrenheit is %.2f", (9/5)*c+32);
    return 0;
}
```

- ☐ a. compile error
- ☐ b. 38.00
- ☒ c. 41.00 ✖
- ☐ d. 37.00 ✔

Your answer is incorrect.

**Question 13**

Incorrect

Mark 0.00 out of 1.00

What is the output of the following code

```
int main()
{
    for(int i=1; i!=10; i++)
    {
        printf("%d", ++i);
    }
    return 0;
}
```

- ☐ a. 13579
- ☐ b. 123456789
- ☒ c. Infinite Loop ✖
- ☐ d. 2468 ✔

Your answer is incorrect.

**Question 14**

Incorrect

Mark 0.00 out of 1.00

What is the output of the following code

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

```
int main()
```

```
{
```

```
    int result = func(6);
```

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

```
    return 0;
```

```
}
```

```
int func(int i)
```

```
{
```

```
    if(i%2) return(i++);
```

```
    else return func(func(i-1));
```

```
}
```

- ☐ a. 6
- ☐ b. 5
- ☒ c. infinite loop ✖
- ☐ d. 36

ans is

Your answer is incorrect.

**Question 15**

Correct

Mark 1.00 out of 1.00

```
short testarray[4][3] = { {1},{2,3},{4,5,6}};
```

```
printf(" %d ", sizeof(testarray));
```

Assuming a short is two bytes long. what will be printed by the above code ?

- ☐ a. 6
- ☒ b. 24 ✔
- ☐ c. 12
- ☐ d. 7

Your answer is correct.