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**State** Finished

**Completed on** Wednesday, 25 October 2023, 1:17 AM

**Time taken** 30 days 9 hours

**Grade** 13.00 out of 13.00 (100%)

Question 1

Correct

Mark 2.00 out of 2.00

What will be the output when the following code is executed?

```
for (i = 3; i < 15; i += 3)
```

```
{
```

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

```
++i;
```

```
}
```

- ☐ a. 3 7 11 15
- ☒ b. 3 7 11
- ☐ c. 3 6 9 12 15
- ☐ d. 3 6 9 12



Your answer is correct.

The correct answer is:

3 7 11

Question **2**

Correct

Mark 2.00 out of 2.00

What will the result of num1 variable after execution of the following statements?

```
int j = 1, num1 = 4;
```

```
while (++j <= 10)
```

```
    num1++;
```

☒ a. 13

☐ b. 11

☐ c. 14

☐ d. 12



Your answer is correct.

The correct answer is:

13

Question **3**

Correct

Mark 2.00 out of 2.00

Which of the following are unary operators in C?

1. !

2. sizeof

3. ~

4. ||

☐ a. 3, 2, 4

☐ b. 1, 3, 4

☐ c. 2, 4, 1

☒ d. 2, 1, 3



Your answer is correct.

The correct answer is:

2, 1, 3

Question 4

Correct

Mark 1.00 out of 1.00

What is the output?

```
#include <stdio.h>

int main()

{

    int a = 10, b = 10;

    if (a = 5)

        b--;

    printf("%d,%d", a, b--);

}
```

- ☐ a. 5,8
- ☒ b. 5,9
- ☐ c. 10,8
- ☐ d. 10,9



Your answer is correct.

The correct answer is:

5,9

Question 5

Correct

Mark 2.00 out of 2.00

The value of k, on execution of the following code is 8.

```
int i = 2, j = 5, k;

k = ++i + j++;

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

Select one:

- ☒ True ✓
- ☐ False

The correct answer is 'True'.

Question **6**

Correct

Mark 2.00 out of 2.00

**sizeof ()** is a function that returns the size of a variable

Select one:

- ☒ True ✓
- ☐ False

The correct answer is 'True'.

Question **7**

Correct

Mark 2.00 out of 2.00

The output of the following code is "false"

```
1. #include <stdio.h>
2. int main()
3. {
4.     int x = 0;
5.     if (x++)
6.         printf("true\n");
7.     else if (x == 1)
8.         printf("false\n");
9. }
```

Select one:

- ☒ True ✓
- ☐ False

The correct answer is 'True'.

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