

Started on	Wednesday, 13 April 2022, 2:37 PM
State	Finished
Completed on	Wednesday, 13 April 2022, 2:51 PM
Time taken	14 mins 6 secs
Marks	12.00/15.00
Grade	80.00 out of 100.00

Question
1

Complete
Mark 1.00 out of 1.00

Considering the following enum in C, what will be value of Sunday ?

```
enum days { Sunday,Monday=5, Tuesday=6, Wednesday=7 }
```

Select one:

☐ a. 4

☐ b.

Generate an error

☒ c. 0

☐ d.

No value until you assing it

Question 2

Complete

Mark 1.00 out of
1.00

Assuming number of nodes >2 in a linked list, which of the following codes will delete two nodes from the linked list ?

Select one:

☐ a.

```
Next [Next [x] ]=x;
```

☐ b.

```
x=Next [Next [x+1] ];
```

☐ c.

```
Next [x]= Next [Next [x] ];
```

☒ d.

```
Next [x]=Next [Next [Next [x] ] ];
```

Question 3

Complete

Mark 0.00 out of
1.00

In the case of nested loops in CPP, which of the following options will run the maximum number of times ?

Select one:

☒ a.

Innermost loop

☐ b.

Outermost loop

☐ c.

Both loops will run same number of times

☐ d.

Cannot be determined without checking the actual loop

Question 4

Complete

Mark 1.00 out of
1.00

Convert the following infix expression to postfix expression:

$A+B*C-D/E*F$

Assume the following precedence of operators

'/' > '*' > '+' > '-'

Select one:

☐ a.

$ABC*+DEF/*-$

☐ b.

$ABC*+D/EF*-$

☒ c.

$ABC*+DE/F*-$

☐ d.

$ABC*+DEF/-*$

Question 5

Complete

Mark 1.00 out of
1.00

Given:

```
11. Float pi = new Float(3.14f);  
12. if (pi > 3) {  
13. System.out.print("pi is bigger than 3. ");  
14. }  
15. else {  
16. System.out.print("pi is not bigger than 3. ");  
17. }  
18. finally {  
19. System.out.println("Have a nice day.");  
20. }
```

What is the result?

Select one:

☒ a.

Compilation fails.

☐ b.

pi is bigger than 3. Have a nice day.

☐ c.

pi is not bigger than 3. Have a nice day.

☐ d.

pi is bigger than 3.

☐ e.

An exception occurs at runtime.

Question 6

Complete

Mark 1.00 out of
1.00

If the address of the first node of a linked list consisting of an integer and a pointer to next node is 1000, what will be the address of the second node of the same linked list ?

Select one:

- ☐ a. 1004
- ☐ b. 1002
- ☒ c. None of these
- ☐ d. 1008
- ☐ e. 1006

Question 7

Complete

Mark 1.00 out of
1.00

```
#include<stdio.h>
int main() {
    int i;
    char x[]="\0";
    if(printf("%s\n",x))
        printf("Ok here \n");
    else
        printf("Forget it\n");
}
```

Select one:

☐ a.

Forget it

☐ b.

None of these

☒ c. ok here

☐ d. error

Question 8

Complete

Mark 1.00 out of
1.00

```
#include <iostream>
using namespace std;

int main() {
    int a=10;
    int const &b=a;
    a=12;
    a+6;
    cout<<a;
    cout<<b;
    return 0;
}
```

Select one:

☐ a. 1818

☐ b. 1010

☐ c.

Compilation error

☒ d. 1212

Question 9

Complete

Mark 1.00 out of
1.00

```
#include<stdio.h>
void main() {
char arr[10] = "rectangle" ; //Line 3
int i;
for(i=0;i<=7;i++)
    printf(" %d ", arr[i]);
arr++; //Line 7
}
```

Select one:

☐ a.

improper array declaration (Line3)

☐ b.

We cannot declare an array of character type (Line3)

☐ c. No error

☒ d.

arr cannot be incremented (Line7)

Question 10

Complete

Mark 0.00 out of
1.00

```
class Test {  
    public static void main(String [] args) {  
        class Foo {  
            public int i = 3;  
        }  
        Object o=(Object)new Foo();  
        Foo foo = (Foo)o;  
        System.out.println("i = " +foo.i);  
    }  
}
```

Select one:

☐ a. i=3

☒ b.

ClassCastException will occur

☐ c.

Compilation fails

☐ d. i=5

Question 11

Complete

Mark 1.00 out of
1.00

```
)Identify the output of the following program in CPP
#include<iostream.h>
void main() {
    cout<<(int i=5)<<"\t"<<(int j=9);
}
```

Select one:

☒ **a.**

compile error

☐ **b.**

runtime error

☐ **c.**

blank screen

☐ **d. 5 9**

Question 12

Complete

Mark 1.00 out of
1.00

```
#include<stdio.h>
void main() {
char b[]="12345\0";
int x = strlen(b);
printf("here in 3 %d\n ", ++x);
}
```

Select one:

☐ a.

here in 3 5

☐ b.

here in 3 9

☒ c.

here in 3 6

☐ d.

here in 3 3

Question 13

Complete

Mark 1.00 out of
1.00

```
#include<stdio.h>
void main() {
    int i;
    char a[5] = {97,99,101, 103, 105};
    for(i=0 ; i<5 ; i = i+2)
        printf("%c", a[++i]);
    printf(",  %d", i);
}
```

Select one:

☐ a.

ag, 5

☐ b.

ag, 6

☐ c.

Infinite loop

☒ d.

ci, 6

Question 14

Complete

Mark 1.00 out of
1.00

```
#include<stdio.h>

void main() {
    static int a[5];
    int i;
    for(i=0;i<=4;i++)
        printf("\n%d",a[i]);
}
```

Select one:

☐ a.

None of these

☒ b.

0
0
0
0
0

☐ c.

1
1
1
1
1

☐ d.

Some Garbage value

Question 15

Complete

Mark 0.00 out of
1.00

Given:

```
11. public class Test {  
12.  
13. public static void go(Long n) {System.out.println("Long ");}  
14. public static void go(Short n) {System.out.println("Short  
");}  
15. public static void go(int n) {System.out.println("int ");}  
16. public static void main(String [] args) {  
17. short y = 6;  
18. long z = 7;  
19. go(y);  
20. go(z);  
21. }  
22. }
```

What is the result?

Select one:

☐ a.

☐ b.

short long

☐ c.

An exception is thrown at runtime

☒ **d.**

```
Compilation fails.
```

☐ **e.**

```
int Long
```