



**Free Questions for CPA-21-02 by dumpssheet**

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# Question 1

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**Question Type:** MultipleChoice

---

What is the output of the program given below?

```
#include
```

```
using namespace std;
```

```
int main (int argc, const char * argv[])
```

```
{
```

```
enum state { ok, error, warning};
```

```
enum state s1, s2, s3, s4;
```

```
s1 = ok;
```

```
s2 = warning;
```

```
s3 = error;
```

```
s4 = ok;
```

```
cout
```

```
return 0;
```

```
}
```

### Options:

---

A- 1234

B- compilation fails

C- 0210

D- 1322

### Answer:

---

C

## Question 2

---

### Question Type: MultipleChoice

---

What happens when you attempt to compile and run the following code?

```
#include
```

```
using namespace std;

void print(char *c);

int main (int argc, const char * argv[])

{

print("Test");

return 0;

}

void print(char *c)

{

cout

}
```

### **Options:**

---

**A-** It prints: Test

**B-** It prints: T

C- It prints: st

D- None of these

**Answer:**

---

A

## Question 3

---

**Question Type: MultipleChoice**

---

What happens when you attempt to compile and run the following code?

```
#include
```

```
using namespace std;
```

```
class A {
```

```
public:
```

```
int x;
```

```
A() { x=0;}
```

```
};  
  
class B : protected A {  
  
public:  
  
int y;  
  
using A::x;  
  
B(int y) {this->y = y;}  
  
void Print() { cout  
  
};  
  
int main () {  
  
B b(5);  
  
b.Print();  
  
return 0;  
  
}
```

**Options:**

---

A- It prints: 05

B- It prints: 0

C- It prints: 5

D- It prints: 15

**Answer:**

---

A

## Question 4

---

**Question Type:** MultipleChoice

---

What happens when you attempt to compile and run the following code?

```
#include
```

```
#include
```

```
using namespace std;
```

```
class Second;
```

```
class Base {
```

```
int age;

public:

Base () { age=5; };

friend void set(Base &ob, Second &so);

void Print() { cout

};

class Second {

string name;

public:

friend void set(Base &ob, Second &so);

void Print() { cout

};

void set(Base &ob, Second &so) {

ob.age = 0; so.name = "Bill";

}
```



```
int main () {  
  
Base a;  
  
Second b;  
  
set(a,b);  
  
a.Print();  
  
b.Print();  
  
return 0;  
  
}
```

### Options:

---

**A-** It prints: 0Bill

**B-** Compilation error

**C-** It prints: Bill0

**D-** None of these

### Answer:

---

A

## Question 5

---

**Question Type:** MultipleChoice

---

Which of the following structures are correct?

1:

```
struct s1{
```

```
int x;
```

```
char c;
```

```
};
```

2:

```
struct s2{
```

```
float f;
```

```
struct s2 *s;
```

```
};
```

3:

```
struct s3{
```

```
float f;
```

```
in i;
```

```
}
```

**Options:**

---

**A-** 1

**B-** 2

**C-** 3

**D-** All of these

**Answer:**

---

A, B

## Question 6

---

**Question Type: MultipleChoice**

---

What will the variable "y" be in class B?

```
class A {
```

```
int x;
```

```
protected:
```

```
int y;
```

```
public:
```

```
int age;
```

```
};
```

```
class B : protected A {
```

```
string name;
```

```
public:
```

```
void Print() {
```

```
cout
```

```
}
```

```
};
```

### Options:

---

A- public

B- private

C- protected

D- None of these

### Answer:

---

C

## Question 7

---

### Question Type: MultipleChoice

---

What happens when you attempt to compile and run the following code?

```
#include
```

```
using namespace std;
```

```
int op(int x, int y)
```

```
{
```

```
int i;
```

```
i = x + y;
```

```
return i;
```

```
}
```

```
int main()
```

```
{
```

```
int i=1, j=2, k, l;
```

```
k = op(i, j);
```

```
l = op(j, i);
```

```
cout
```

```
return 0;
```

```
}
```

### Options:

---

A- It prints: 1,2

B- It prints: ?1,1

C- It prints: 1,1

D- It prints: 3,3

### Answer:

---

D

## Question 8

---

### Question Type: MultipleChoice

---

What is the output of the program?

```
#include
```

```
#include
```

```
using namespace std;
```

```
int main()
```

```
{  
string s1="World";  
string s2;  
s2="Hello" + s1;  
cout  
return( 0 );  
}
```

### Options:

---

- A- It prints: HelloWorld
- B- It prints: Hello
- C- It prints: World
- D- Compilation error

### Answer:

---

A



## Question 9

---

### Question Type: MultipleChoice

---

What happens when you attempt to compile and run the following code?

```
#include
```

```
#include
```

```
using namespace std;
```

```
class A {
```

```
protected:
```

```
int y;
```

```
public:
```

```
int x;
```

```
int z;
```

```
A() { x=1; y=2; z=3; }
```

```
A(int a, int b) : x(a), y(b) { z = x * y;}
```

```
void Print() {  
  
    cout  
  
}  
  
};  
  
int main () {  
  
    A a(2,5);  
  
    a.Print();  
  
    return 0;  
  
}
```

**Options:**

---

- A-** It prints: 10
- B-** It prints: 2
- C-** It prints: 6
- D-** It prints: 5

**Answer:**

---

A

## Question 10

---

**Question Type: MultipleChoice**

---

What happens if you try to compile and run this program?

```
#include
```

```
using namespace std;
```

```
int main (int argc, const char * argv[])
```

```
{
```

```
print("Test");
```

```
return 0;
```

```
}
```

```
void print(int c[])
```

```
{
```

```
cout
```

```
}
```

### Options:

---

**A-** It prints: Test

**B-** Compilation fails

**C-** Program terminates abnormally

**D-** None of these

### Answer:

---

B

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