



Free Questions for CPA-21-02 by ebraindumps

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Question 1

Question Type: MultipleChoice

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

```
#include
```

```
using namespace std;
```

```
void set(struct person*);
```

```
struct person
```

```
{
```

```
char name[25];
```

```
int age;
```

```
};
```

```
int main()
```

```
{
```

```
struct person e = {"Steve", 30};
```

```
set(&e);  
  
cout  
  
return 0;  
  
}  
  
void set(struct person *p)  
  
{  
  
p->age = p->age + 1;  
  
}
```

Options:

- A- Error: in prototype declaration unknown struct person
- B- Error: in structure
- C- It prints: Steve 31
- D- None of these

Answer:

C

Question 2

Question Type: MultipleChoice

If there is one, point out an error in the program

```
#include
```

```
using namespace std;
```

```
int main()
```

```
{
```

```
int i=1;
```

```
for(;;)
```

```
{
```

```
cout
```

```
if(i>5)
```

```
break;
```

```
}  
return 0;  
}
```

Options:

- A- Error in "if" statement
- B- Error in "for" loop
- C- No error
- D- Error in break statement

Answer:

C

Question 3

Question Type: MultipleChoice

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

```
#include  
  
using namespace std;  
  
int f(int a, int b);  
  
int main()  
{  
  
float b;  
  
b = f(20,10);  
  
cout  
  
return 0;  
  
}  
  
int f(int a, int b)  
{  
  
return a/b;  
  
}
```

Options:

A- It prints: 2

B- It prints: 5

C- It prints: 10

D- It prints: 0

Answer:

A

Question 4

Question Type: MultipleChoice

Which code, inserted at line 10, generates the output "2?1"?

```
#include
```

```
#include
```

```
using namespace std;
```

```
class A {
```

```
protected:
```

```
int y;
```

```
public:
```

```
int z;
```

```
};
```

```
//insert code here
```

```
public:
```

```
void set() {
```

```
    y = 2;
```

```
    z = 3;
```

```
}
```

```
void Print() { cout
```

```
};
```

```
int main () {
```

```
    B b;
```



```
b.set();  
  
b.z = ?1;  
  
b.Print();  
  
return 0;  
  
}
```

Options:

- A-** class B : private A {
- B-** class B : public A {
- C-** class B : protected A {
- D-** class B {

Answer:

B

Question 5

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);  
  
float op(int x, float y);  
  
int main()  
{  
    int i=1, j=2, k;  
  
    float f=0.3;  
  
    k = op(i, j);  
  
    cout  
  
    return 0;  
}  
  
int op(int x, int y)
```

```
{  
    return x+y;  
}  
  
float op(int x, float y)  
{  
    return x*y;  
}
```

Options:

- A- It prints: 3,1
- B- It prints: 3,?0.3
- C- It prints: 3,0
- D- It prints: 0,0

Answer:

B

Question 6

Question Type: MultipleChoice

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

```
#include
```

```
using namespace std;
```

```
int main() {
```

```
int i, j;
```

```
for(i = 0; i
```

```
for(j = i; j
```

```
if(j == i)
```

```
continue;
```

```
else
```

```
break;
```

```
}
```

```
cout  
return 0;  
}
```

Options:

- A- It prints: 0
- B- It prints: 3
- C- It prints: 2
- D- It prints: 1

Answer:

C

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