



Free Questions for CPA by actualtestdumps

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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;
```

```
class Base {
```

```
static int age;
```

```
public:
```

```
Base () {};
```

```
~Base () {};
```

```
void setAge(int a=20) {age = a;}
```

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

```
};
```

```
int Base::age=0;
```

```
int main () {  
  
Base a;  
  
a.setAge(10);  
  
a.Print();  
  
a.setAge();  
  
a.Print();  
  
return 0;  
  
}
```

Options:

- A- It prints: 10
- B- It prints: 20
- C- It prints: 1020
- D- It prints: 2010

Answer:

C

Question 2

Question Type: MultipleChoice

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

```
#include
```

```
#include
```

```
using namespace std;
```

```
class A {
```

```
public:
```

```
A() { cout
```

```
A(string s) { cout
```

```
A(A &a) { cout
```

```
};
```

```
class B : public A {
```

```
public:  
  
B() { cout  
  
B(string s) { cout  
  
};  
  
int main () {  
  
A a1;  
  
A a2("Test");  
  
B b1("Alan");  
  
return 0;  
  
}
```

Options:

- A-** It prints: A no parametersA string parameterA no parametersB string parameter
- B-** It prints: A no parametersB string parameter
- C-** It prints: B string parameter
- D-** It prints: B no parameter

Answer:

A

Question 3

Question Type: MultipleChoice

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

```
#include
```

```
using namespace std;
```

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

```
{
```

```
int tab[5]={1,2,3};
```

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

```
cout
```

```
return 0;
```

```
}
```

Options:

- A- compilation fails
- B- It prints: 12300
- C- It prints: 12345
- D- It prints: 00000

Answer:

B

Question 4

Question Type: MultipleChoice

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

```
#include
```

```
using namespace std;
```

```
int main()
```

```
{  
int i = 5;  
cout  
return 0;  
}
```

Options:

- A- It prints: Hello World6
- B- It prints: Hello
- C- It prints: World
- D- It prints: Hello World5

Answer:

A

Question 5

Question Type: MultipleChoice

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

```
#include  
  
using namespace std;  
  
int fun(int x) {  
  
    return 2*x;  
  
}  
  
int main(){  
  
    int i;  
  
    i = fun(1) || fun(2);  
  
    cout  
  
    return 0;  
  
}
```

Options:

A- It prints: 0

B- It prints: 1

C- It prints: -1

D- Compilation error

Answer:

B

Question 6

Question Type: MultipleChoice

Which code, inserted at line 8, generates the output "100"?

```
#include
```

```
using namespace std;
```

```
int fun(int);
```

```
int main()
```

```
{
```

```
int *x = new int;

*x=10;

//insert code here

return 0;

}

int fun(int i)

{

return i*i;

}
```

Options:

- A- cout << fun(*x) ;
- B- cout << fun(10);
- C- cout << fun(5) ;
- D- cout << fun(y) ;

Answer:

A, B

Question 7

Question Type: MultipleChoice

Which definitions are correct?

Options:

A- int age;

B- int double;

C- char c;

D- int char;

Answer:

A, C

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