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# Question 1

---

**Question Type:** MultipleChoice

---

What will variable 'y' be in class B?

```
class A {
```

```
int x;
```

```
protected:
```

```
int y;
```

```
public:
```

```
int age;
```

```
};
```

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

```
string name;
```

```
public:
```

```
void Print() {
```

```
cout << name << age;  
  
}  
  
};
```

**Options:**

---

- A) public
- B) private
- C) protected
- D) None of these

**Answer:**

---

C

## Question 2

---

**Question Type:** MultipleChoice

---

What will the variable 'age' be in class B?

```
class A {  
  
    int x;  
  
    protected:  
  
    int y;  
  
    public:  
  
    int age;  
  
    A () { age=5; };  
  
};  
  
class B : public A {  
  
    string name;  
  
    public:  
  
    B () { name='Bob'; };  
  
    void Print() {  
  
        cout << name << age;  
  
    }  
}
```

```
};
```

**Options:**

---

- A) public
- B) private
- C) protected
- D) None of these

**Answer:**

---

A

## Question 3

---

**Question Type: MultipleChoice**

---

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

```
class A {
```

```
int x;
```

protected:

int y;

public:

int age;

};

class B : private A {

string name;

public:

void Print() {

cout << name << age;

}

};

**Options:**

---

A) public

- B) private
- C) protected
- D) None of these

**Answer:**

---

B

## Question 4

---

**Question Type:** MultipleChoice

---

What will the variable 'age' be in class B?

```
class A {
```

```
int x;
```

```
protected:
```

```
int y;
```

```
public:
```

```
int age;
```

```
};  
  
class B : private A {  
  
    string name;  
  
    public:  
  
    void Print() {  
  
        cout << name << age;  
  
    }  
  
};
```

**Options:**

---

- A) public
- B) private
- C) protected
- D) None of these

**Answer:**

---

B



## Question 5

---

**Question Type:** MultipleChoice

---

What is the output of the program?

```
#include <iostream>

#include <string>

using namespace std;

int main()

{

string s1='Wo';

string s2;

s2 = s1;

string s3;

s3 = s2.append('rldHello');
```

```
cout << s3;  
  
return( 0 );  
  
}
```

### Options:

---

- A) It prints: WorldHello
- B) It prints: HelloWo
- C) It prints: World
- D) It prints: Hello

### Answer:

---

A

## Question 6

---

**Question Type:** MultipleChoice

---

What will the variable 'age' be in class B?

```
class A {  
  
    int x;  
  
    protected:  
  
    int y;  
  
    public:  
  
    int age;  
  
};  
  
class B : protected A {  
  
    string name;  
  
    public:  
  
    void Print() {  
  
        cout << name << age;  
  
    }  
  
};
```

**Options:**

---

- A) public
- B) private
- C) protected
- D) None of these

**Answer:**

---

C

## Question 7

---

**Question Type: MultipleChoice**

---

What is the output of the program?

```
#include <iostream>
```

```
#include <string>
```

```
using namespace std;
```

```
int main()
```

```
{  
char str[] = 'Hello\0\World\0';  
  
cout << str;  
  
return 0;  
}
```

**Options:**

---

- A) It prints: Hello
- B) It prints: World
- C) It prints: HW
- D) It prints: World\0World

**Answer:**

---

A

## Question 8

---

**Question Type: MultipleChoice**

---

How many times will 'HELLO' be printed?

```
#include <iostream>

using namespace std;

int main()

{

for(int i=?1; i<=10; i++)

{

if(i < 5)

continue;

else

break;

cout<<'HELLO';

}

return 0;
```

```
}
```

**Options:**

---

- A) 1
- B) 2
- C) 0
- D) 20

**Answer:**

---

C

## Question 9

---

**Question Type: MultipleChoice**

---

What is the output of the program?

```
#include <iostream>
```

```
#include <string>
```

```
using namespace std;

int main()

{

string s1[]= {'H' , 't' };

string s;

for (int i=0; i<2; i++) {

s = s1[i];

s.insert(1,'ow');

cout << s;

}

return( 0 );

}
```

### Options:

---

A) It prints: How



- B) It prints: Ht
- C) It prints: Hoto
- D) It prints: Howtow

**Answer:**

---

D

## Question 10

---

**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 << name << age;  
  
    }  
  
};
```

**Options:**

---

- A) public
- B) private
- C) protected
- D) None of these

**Answer:**

---

C

# Question 11

---

**Question Type:** MultipleChoice

---

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

```
#include <iostream>

#include <string>

using namespace std;

int main()

{

string s1[]= {'H' , 't' };

string s;

for (int i=0; i<2; i++) {

s = s1[i];

s.insert(1,'o');
```

```
cout << s;  
  
}  
  
return( 0 );  
  
}
```

### Options:

---

- A) It prints: Hoto
- B) It prints: Ho
- C) It prints: to
- D) It prints: Ht

### Answer:

---

A

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