1. What will be the output of the following C++ code?

```cpp
#include <iostream>
#include <string>
using namespace std;
namespace A{

    int var = 10;
}
namespace B{
    int cout = 5;
}
int main()
{
    using namespace B;
    cout<<A::var;
}
```

a) 10
b) 5
c) Error
d) 105

2. What will be the output of the following C++ code?

```cpp
#include <iostream>
#include <string>
using namespace std;
namespace A{

    int x = 50;
}
namespace B{
    int x = 500;
```

```
}
int main()
{
    using namespace B;
    cout<<x;
}
```
a) 500
b) 50
c) Error
d) Wrong use of namespace

3.What will be the output of the following C++ code?
```
#include <iostream>
#include <string>
using namespace std;
namespace A{

    int k = 123;
}
namespace B{
    int k = 456;
}
int main()
{
    int k = 20;
    using namespace B;
    cout<<k;
}
```
a) 123
b) 456

c) 20
d) Error

5. What will be the output of the following C++ code?

```cpp
#include <iostream>
#include <string>
using namespace std;
namespace
{
    int var = 10;
}
int main()
{
    cout<<var;
}
```

a) 10
b) Error
c) Some garbage value
d) Nothing but program runs perfectly

6.What is the correct syntax of defining a namespace?
a) namespace name{}
b) Namespace name{};
c) namespace name[];
d) typedef namespace name{} NAME

7.How to print the value of the i variable inside namespace B?

```cpp
namespace A{
    int var = 10;
```

```
    namespace B{
        int i = 15;
    }
}
```
a) cout<<A::i;
b) cout<<B::i;
c) cout<<A::B::i;
d) cout<<i;

8.
```
#include <iostream>
using namespace std;
namespace first
{
    int x = 5;
    int y = 10;
}
namespace second
{
    double x = 3.1416;
    double y = 2.7183;
}
int main ()
{
    using first::x;
    using second::y;
    bool a, b;
    a = x > y;
    b = first::y < second::x;
    cout << a << b;
    return 0;
```

```
    }
```

a) 1 1
b) 0 1
c) 0 0
d) 1 0

9.What will be the output of the following C++ code?

```cpp
#include <iostream>
    using namespace std;
    namespace Box1
    {
        int a = 4;
    }
    namespace Box2
    {
        int a = 13;
    }
    int main ()
    {
        int a = 16;
        Box1::a;
        Box2::a;
        cout << a;
        return 0;
    }
```

10. Which keyword is used to access the variable in the namespace?
a) using
b) dynamic
c) const
d) static