Review Test Submission: Week 15 check in

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Course	C/C++ Program Design Spring 2022
Test	Week 15 check in
Started	5/26/22 2:57 PM
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Due Date	5/26/22 11:59 PM
Status	Completed
Attempt Score	80 out of 100 points
Time Elapsed	8 minutes
Results Displayed	All Answers, Submitted Answers, Correct Answers, Feedback, Incorrectly Answered Questions

Question 1   0 out of 20 points

When an object is released, what is the execution order of the destructor in the compilation system?

Selected Answer:　❌ A. sub-object class in derived class, derived class, base class

Answers:　A. sub-object class in derived class, derived class, base class

derived class, sub-object class in derived class, base class

✅ B.

Question 2   20 out of 20 points

When creating a derived class object, what is execution order of the constructor?

Selected Answer:　✅ base class, object member, and derived class constructor

Answers:　✅ base class, object member, and derived class constructor

base class, derived class, and object member constructor

Question 3   20 out of 20 points

What's the output of the source code?

```cpp
#include <iostream>

using namespace std;
class base{
public:
    int a, b;
    void get(int i, int j) {a=i; b=j;}

};
class A: public base{
public:
    void get(int i, int j){
        base obj3;
        obj3.get(5,6);
        u=i+j+obj3.a;

    }
    void print(){
        cout << u;
    }
private:
    int u;
};
int main() {
    base ob1;
    A ob2;
    ob1.get(1,2);
    ob2.get(3,4);
    ob2.print();

    return 0;

}
```

Selected Answer:　✅ A. 12

Answers:　✅ A. 12

B. 13

Question 4   20 out of 20 points

Derived classes can define data and functions that are not available int the base class.

Selected Answer:　✅ A. True

Answers:　✅ A. True

B. False

Question 5   20 out of 20 points

The inheritance relationship between classes is symmetrical.

Selected Answer:　✅ A. False

Answers:　✅ A. False

B. True

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