Week 2

Points: 15/16

✓ **Correct**   1/1 Points

1. Which of the following statements is correct about access specifiers in C#?

  ◯ Encapsulation is implemented by using access specifiers.

  ◯ An access specifier defines the scope and visibility of a class member.

  ⦿ Both of the above.

  ◯ None of the above

✓ **Correct**   1/1 Points

2. Which of the following variable types can be assigned a value directly in C# and stored on stack?

  ⦿ Value types

  ◯ Reference types

  ◯ Pointer types

  ◯ All of the above.

✓ **Correct**　1/1 Points

3. Which of the following are reference type in c#?

- ☑ String

- ☑ Array

- ☐ Bool

- ☐ All

✓ **Correct**　1/1 Points

4. Can we inherit from structures? Yes or No

- ○ Yes

- ● No

✓ **Correct**　1/1 Points

5. Which of the following statements is true?

- ○ try block must be followed by at least 1 catch block.

- ○ finally block cannot include return statement.

- ○ try block can include another try block.

- ● All of the above.

✓ **Correct**　1/1 Points

6. Which of the following operator can be used to access the member function of a class?

  ○ :

  ○ ::

  ⦿ .

  ○ #

  ✓ **Correct**   1/1 Points

7. **What will be the output of the following code snippet?**

using System;

class emp

 {

    public string name;

    public string address;

    public void display()

    {

       Console.WriteLine("{0} is in city {1}", name, address);

    }

 }

  class Program

  {

    static void Main(string[] args)

```
        {

            emp obj = new emp();

            obj.name = "Amy";

            obj.address = "new york";

            obj.display();

            Console.ReadLine();

        }

    }
```

○ Syntax error

○ {0} is in city {1} Amy new york

○ Amy is in new york

◉ Amy is in city new york

○ executes successfully and prints nothing

✓ **Correct**   1/1 Points

8. Which of the following gives the correct count of the constructors that a class can define?

○ 1

○ 2

◉ Any number

○ None of the above

✓ **Correct**   1/1 Points

9. Can I have multiple inheritance in C# .net? Yes / No

○ Yes

◉ No

✓ **Correct**   1/1 Points

10. Which of the following classes is used to write streams into the files?

○ Stringreader
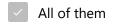
◉ StreamWriter

○ StreamReader

○ None

✓ **Correct**   1/1 Points

11. Following are the object oriented principles: check all that apply:

☑ Polymorphism

☑ Encapsulation

☑ Inheritance

☐ Integration

☑ Abstraction

✓ **Correct**   1/1 Points

12. Normal classes can contain abstract methods. True or False

◯ True

◉ False

✓ **Correct**   1/1 Points

13. How to make properties readonly?

◯ Use a "readonly" keyword

◯ Use a "read" keyword

◉ Write only get block in the property

◯ All of above

✓ **Correct**   1/1 Points

14. Which keyword is used to give different implementation for methods in derived classes?

- ○ Overload

- ○ Overriden

- ⦿ Override

- ○ Different

✓ **Correct**   1/1 Points

15. Which of the following statements are true? Check all that apply

- ☑ Structures are value type and Classes are reference type of data.

- ☑ We cannot inherit from structures

- ☑ We can write a default constructor in class

- ☑ We can write methods in both classes and structures

✕ **Incorrect**   0/1 Points

16. Who calls the GarbageCollector?

- ☐ CLR

- ☐ JIT Compiler

- ☐ Your program code :GC.Collect()

☑ All of them

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