

## 浙大20秋JAD W3作业

✕ 判断题 10

A. 单选题 14

📄 程序填空题 1

&lt;/&gt; 编程题 1

2-1 Which one below is a feature of Java? (2分)

- ☐ A. Multi-inheritance
- ☐ B. Virtual inheritance
- ☒ C. Generic programming
- ☐ D. Operator overloading

作者

单位

翁恺

浙江大学

2-1 答案正确 (2 分)

2-2 Given code below: (2分)

```
interface I {  
    void f();  
}  
class C {  
    void f() {};  
}
```

Which code below compiles?

- ☐ A. 

```
class A extends I {  
    void f();  
}
```
- ☐ B. 

```
interface A extends I {  
    void f();  
}
```



- ☒ D. 

```
interface A implements I {  
    void f();  
}
```

作者

翁恺

单位

浙江大学

2-2 答案错误 ⓘ (0 分)

2-3 Given code below:

(2分)

```
class Shape {}  
class Circle extends Shape() {}  
class Rectangle extends Shape() {}
```

Which one below is NOT able to accept both `List<Circle>` and `List<Rectangle>`?

- ☐ A. `void f(List<? extends Shape> list);`
- ☐ B. `void f(List<Shape> list);`
- ☒ C. `void f(List list);`
- ☐ D. `void f(List<?> list);`

作者

翁恺

单位

浙江大学

2-3 答案错误 ⓘ (0 分)

2-4 Given code below:

(2分)

```
List<String> ls = new ArrayList<String>();  
List<Object> lo = ls;  
lo.add(new Object());  
String s = ls.get(0);
```

Which statement below is correct?

- ☒ A. It does not compile



- ☐ C. It compiles but exce|
- ☐ D. It compiles but exce

作者

单位

2-4 答案正确 (2 分)

2-5 For code below:

```
class DataServer extends S
    public String serverName;
    public DataServer() {
        serverName = "Cust
        super(serverName);
    }
}
```

Which statement is right?

- ☐ A. Code can pass the co
- ☐ B. Code can pass the co  
DataServer
- ☐ C. Code can NOT pass
- ☒ D. Code can NOT pass

作者

单位

2-5 答案正确 (2 分)

2-6 If a method defined in a der  
with the base one, we call th

- ☐ A. overload



☐ C. inheritance

☐ D. construction

作者

单位

2-6 答案正确 (2 分)

2-7 What will happen if you try

```
class A {  
    int i;  
    A(int i) {    this.i =  
}  
class B extends A {  
    public static void mai  
        B b = new B(2);  
    }  
    B(int x) {  
        System.out.println  
    }  
}
```

☐ A. The instance variable

☐ B. The instance variable

☐ C. The instance variable

☒ D. This code will not co

作者

单位

2-7 答案正确 (2 分)

2-8 About the Java language, w



- ☐ B. A class can impleme
- ☒ C. A class can inherit fr
- ☐ D. All arrays are to be c

作者

单位

2-8 答案正确 (2 分)

2-9 Given code below:

```
interface I { void f(); }
abstract class C implement
```

Which code below compiles

- ☐ A. `class A extends I {`
- ☐ B. `interface A extends`
- ☐ C. `class A extends C in`
- ☒ D. `interface A implemer`

作者

单位

2-9 答案错误 ⓘ (0 分)

2-10 Given the following code h  
the string "base construct

```
class Base{
    Base(int i){ System.o
}
public class BaseSup exte
    public static void ma
        BaseSup s= new Ba
        //One
}
```



```
}
```

- ☐ A. At the line after //C
- ☐ B. At the line after //C
- ☒ C. At the line After //1
- ☐ D. At the line After //1

作者

单位

2-10 答案正确 (2 分)

2-11 Given code below:

```
Java class A { private int  
} class B extends A { priva  
turn 10; } public static vo  
when you compile and run
```

- ☐ A. The program comp
- ☒ B. The program comp
- ☐ C. The program comp
- ☐ D. The program does

作者

单位

2-11 答案正确 (2 分)

2-12 (abort) Given:



```

        animal = x;
    }
    public E getAnimal()
        return animal;
    }
}
public class Animal{}
public class Cat extends
public class Dog extends

```

Which statement below co

- ☐ A. `AnimalHouse<Animal>`
- ☐ B. `AnimalHouse<Cat> hc`
- ☐ C. `AnimalHouse<?> hous`
- ☒ D. `AnimalHouse house :`

作者

单位

2-12 答案正确 (2 分)

2-13 What will happen when yo

```

abstract class Base{
    abstract public v
    public void anoth
        System.out.pr
    }
}

public class Abs extends
    public static voi
        Abs a = new A
        a.amethod();
    }
    public void myfun
        System.ou
    }
    public void ameth
        myfunc();
    }
}

```

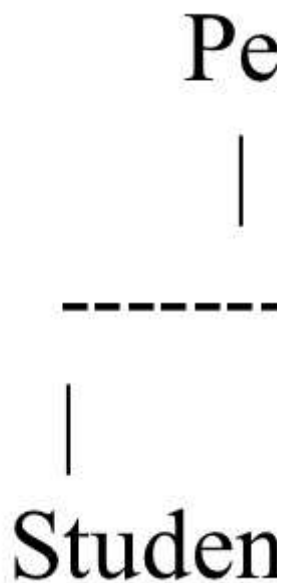
- ☐ B. The compiler will cc
- ☐ C. The code will comp  
methods
- ☐ D. The compiler will cc  
body at all to looov

作者

单位

2-13 答案正确 (2 分)

2-14 The Person, Student and Teacher  
inheritance relation as shown



There is the following expression

Person p =

Which of the following expressions

- ☒ A. p instanceof Teacher
- ☐ B. p instanceof Student
- ☐ C. None of them return



作者  
单位

2-14 答案正确 (2 分)

