

浙大20秋JAD W5作业

判断题 17	A. 单选题 27	fn 函数题 3
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2-1 假设方法unsafe() 将抛出IOException, 可以填入如下代码段第1行的选项是 () 。（2分）

```
1)
2) { if(unsafe()){//do something...}
3)   else if(safe()){//do the other...}
4) }
```

- ☐ A. public IOException methodName()
- ☐ B. public void methodName()
- ☐ C. public void methodName() throw IOException
- ☒ D. public void methodName() throws IOException

作者

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2-1 答案正确 (2 分) 创建提问

2-2 下列哪种异常是检查型异常，需要在编写程序时声明 () 。（2分）

- ☐ A. NullPointerException
- ☐ B. ClassCastException
- ☒ C. FileNotFoundException
- ☐ D. IndexOutOfBoundsException

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2-2 答案正确 (2 分) 创建提问

2-3 getCustomerInfo()方法如下，try中可以捕获三种类型的异常，如果在该方法运行中产生了一个IOException，将会 输出什么结果 () 。（2分）

```
public void getCustomerInfo() {
    try {
        // do something that may cause an Exception
    } catch (java.io.FileNotFoundException ex){
        System.out.print("FileNotFoundException!");
    } catch (java.io.IOException ex){
        System.out.print("IOException!");
    } catch (java.lang.Exception ex){
        System.out.print("Exception!");
    }
}
```

- ☒ A. IOException!
- ☐ B. IOException!Exception!
- ☐ C. FileNotFoundException!IOException!
- ☐ D. FileNotFoundException!IOException!Exception!

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2-3 答案正确 (2 分) 创建提问

2-4 Which of the following could possibly cause a runtime error? 分值为2分。 （2分）

- ☐ A. misspelled keyword
- ☐ B. missing semicolon
- ☒ C. divide by zero
- ☐ D. incorrect class modifier

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2-4 答案正确 (2 分)

2-5 What is the syntax for a multi-line comment in a Java source file? （2分）

- ☐ A. * multi-line comment *\
- ☒ B. /** multi-line comment **/

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2-5 答案正确 (2 分)

2-6 What must be done when throwing an integer as an exception? 分值为2分。 (2分)

- ☐ A. Integers cannot be thrown.
- ☒ B. Declare integers as throwable.
- ☐ C. Import the exception class.
- ☐ D. Encapsulate the integer handler

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2-6 答案错误 ⓘ (0 分)

2-7 What is an exception? 分值为2分。 (2分)

- ☒ A. a representation of an exception condition
- ☐ B. unexpected code written by the programmer
- ☐ C. unexpected results after the program has terminated normally
- ☐ D. untrusted code such as a virus

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2-7 答案正确 (2 分)

2-8 For the code below: (2分)

```
public class MyProgram {
    public void main() {
        try {
            System.out.println("Hello");
        }
    }
}
```

Which statement is right? ()

- ☐ A. Code compiles
- ☐ B. Code does NOT compile for the error in the 2nd line
- ☒ C. Code does NOT compile for the error in the 5th line
- ☐ D. Code does NOT compile because it does not declare any exception

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2-8 答案正确 (2 分)

2-9 About the Java language, which statement below is NOT correct? (2分)

- ☒ A. Other than the class itself, only derived classes can access a protected member.
- ☐ B. The .length of an array is the number of elements in the array.
- ☐ C. It is possible to have a try statement without any catch clause but a finally clause.
- ☐ D. All primitive number types have their corresponding warp classes.

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2-9 答案正确 (2 分)

2-10 Exceptions that are not derived from RuntimeException and Errors __. (2分)

- ☒ A. Must be either caught or specified.
- ☐ B. Need not be caught or specified.
- ☐ C. Must not be caught.
- ☐ D. Must not be specified.

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2-10 答案正确 (2 分)

2-11 Suppose there is no file Hello.txt in the current directory. Run the program: (2分)



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```
import java.io.*;
public class ABC {
    public static void main(String argv[]) throws Exception {
        ABC m=new ABC();
        System.out.println(m.ff());
    }

    public int ff() {
        try {
            FileInputStream dis=new FileInputStream("Hello.txt");
        } catch (FileNotFoundException fne) {
            System.out.print("No such file found, ");
            throw fne;
        } finally {
            System.out.print("Doing finally, ");
        }
        return 0;
    }
}
```

A. No such file found,

B. No such file found ,0

C. No such file found, Doing finally,

D. No such file, found, Doing finally, 0

2-11

2-12 Which one below is checked exception that should be declared if a method throws it? (2分)

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- A. NullPointerException
- B. ClassCastException
- C. FileNotFoundException
- D. IndexOutOfBoundsException

2-12 答案正确 (2 分)

2-13 What must be done when throwing an integer as an exception? (2分)

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- A. Integers cannot be thrown.
- B. Declare integers as Throwable.
- C. Import the exception class.
- D. Encapsulate the integer handler

2-13 答案错误 ⓘ (0 分)

2-14 For exception, which statement below is **NOT** correct? (2分)

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- A. It is possible to have a try block with out any catch clause but a finally clause
- B. It is possible to have a try block inside another try block
- C. It is possible to have a try block along with its catch clauses inside a catch clause
- D. To re-throw the exception object in a catch clause, simple put a throw statement without the name of the object.

2-14 答案正确 (2 分)

2-15 下面哪个流类属于面向字符的输入流()。 (2分)

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- A. BufferedWriter
- B. FileInputStream
- C. ObjectInputStream
- D. InputStreamReader

2-15 答案正确 (2 分)

创建提问

2-16 阅读Shape和Circle两个类的定义。在序列化一个Circle的对象circle到文件时，下面哪个字段会被保存到文件中? () (2分)

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```
class Shape {
    public String name;
}
class Circle extends Shape implements Serializable{
    private static final...
```



- ☐ A. name
- ☒ B. radius
- ☐ C. color
- ☐ D. type

2-16

答案正确 (2 分)

创建提问

2-17

要创建一个新目录，可以用下面()类实现。 (2分)

- ☐ A. FileInputStream
- ☐ B. FileOutputStream
- ☐ C. RandomAccessFile
- ☒ D. File

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2-17

答案正确 (2 分)

创建提问

2-18

transient 变量和下面哪一项有关？ (2分)

- ☐ A. Cloneable
- ☒ B. Serializable
- ☐ C. Runnable
- ☐ D. Throwable
- ☐ E. Comparable

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2-18

答案正确 (2 分)

创建提问

2-19

如果你被要求写一段代码读取一个文本文件，那么一般使用哪种Stream？ (2分)

- ☐ A. DataInputStream
- ☐ B. ObjectInputStream
- ☒ C. FileReader
- ☐ D. FileInputStream

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2-19

答案错误 (0 分)

创建提问

2-20

如果需要从文件中读取数据，则可以在程序中创建哪一个类的对象（）。 (2分)

- ☒ A. FileInputStream
- ☐ B. FileOutputStream
- ☐ C. DataOutputStream
- ☐ D. FileWriter

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2-20

答案正确 (2 分)

2-21

Which of the following computer components are referred to as hardware? 分值为2分。 (2分)

- ☐ A. monitor, keyboard, and programs
- ☐ B. mouse, CPU, and programs
- ☒ C. monitor, CPU, and keyboard
- ☐ D. keyboard, programs, and mouse

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2-21

答案正确 (2 分)

2-22

For PipedInputStream and PipedOutputStream, which statement below is correct? (2分)

- ☐ A. An object of PipedOutputStream is to be created based on an object of PipedInputStream
- ☐ B. An object of PipedInputStream is to be created based on an object of PipedOutputStream

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2-22 答案错误 (0 分)

2-23 Object of which class below can be real parameter of constructor of DataInputStream? () (2分)

A. File

B. String

C. FilterInputStream

D. FileOutputStream

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2-23 答案正确 (2 分)

2-24 Given: (2分)

```
void write() throws IOException {
    DataOutputStream out = new DataOutputStream(
        new FileOutputStream( new File("bin")));
    out.writeInt(1);
    out.write(1);
    out.close();
}
```

After executing the function, the size of the file “data.out” is:

A. 4

B. 8

C. 5

D. Depends on the OS

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2-24 答案正确 (2 分)

2-25 Below is the function header for write() in OutputStream (2分)

```
void write(int b)
```

. Now given code below, what would be the size and the content of the output file?

```
int i=0xcafebabe;
FileOutputStream out = new FileOutputStream("output");
out.write(i);
```

A. 1 byte and 0xbe

B. 1 byte and 0xca

C. 4 bytes as 0xcafebabe

D. 4 bytes as 0xbebafeca

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2-25 答案正确 (2 分)

2-26 For InputStream.read(), the read() with no parameters, which statement below is correct? (2分)

A. read() returns int, because it has to return EOF to indicate the end of the file

B. read() returns byte, because it reads a byte from the stream

C. read() returns char, because it reads a char from the stream

D. read() returns int, as the number of bytes it just read

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2-26 答案错误 (0 分)

2-27 Given: (2分)

```
void write() throws IOException {
    DataOutputStream out = new DataOutputStream(
        new BufferedOutputStream(
            new FileOutputStream(
                new File("data.out"))));
    out.writeInt(123456);
}
```

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After executing the function, the size of the file “data.out” is:

- ☒ A. 4
- ☐ B. 6
- ☐ C. 7
- ☐ D. Depends on the OS

2-27

答案正确 (2 分)

