

CSE1007-Java Programming-Quiz

2-A2 slot

...

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1. class Base extends Exception {}
class Derived extends Base {}

```
public class Main {  
    public static void main(String args[]) {  
        try {  
            throw new Derived();  
        }  
        catch(Base b) {  
            System.out.println("Caught base class exception");  
        }  
        catch(Derived d) {  
            System.out.println("Caught derived class exception");  
        }  
    }  
}
```

(1 Point)

- ☐ Caught base class exception
- ☐ Caught derived class exception
- ☐ Compiler Error because derived is not throwable
- ☒ Compiler Error because base class exception is caught before derived class

2. which of these statements is incorrect.

(1 Point)

- ☐ suspended thread can be resumed.
- ☒ Threads are slower than processes
- ☐ Threads can share the same resources
- ☐ Threads are light weight processes

3. class filedemo

```
{
    public static void main(String arg[])
    {
        try
        {
            File f=new File("a.txt");
            System.out.println("File created successfully");
        }
        catch(Exception e)
        {}
        catch(IOException e)
        {} } }
```

(1 Point)

- ☐ IOException
- ☐ File created successfully
- ☐ Exception
- ☒ Error

4. Which of the following statement is true about the collection

(1 Point)

- ☒ extends Iterable interface
- ☐ extends Collections class
- ☐ implements Serializable interface
- ☐ implements Traversable interface

5. Which among the following stores element in ascending order?

(1 Point)

- ☐ ArrayList
- ☐ HashSet
- ☒ TreeSet
- ☐ Both A & C

6. class multithreaded_programing{
public static void main(String args[])
{
Thread t = Thread.currentThread();
t.setName("New Thread");
System.out.println(t.getName());
}}

(1 Point)

- ☐ Main
- ☒ New Thread
- ☐ Thread
- ☐ New

7. public class Test implements Runnable

```
{  
    public void run()  
    {  
        System.out.println("Thread A");  
    }  
    public static void main(String[] args) throws InterruptedException  
    {  
        Thread thread1 = new Thread(new Test());  
        thread1.start();  
        thread1.start();  
        System.out.print(thread1.getState());  
    }  
}
```

(1 Point)

- ☐ Thread A Thread A Terminated
- ☐ compile time error
- ☐ Thread A Terminated
- ☒ Run-time error

8. Which of these technique helps us to access the file from the remote places in the same format as the data members of class.

(1 Point)

- ☒ Lamda expressions
- ☐ lists
- ☐ Serialization
- ☐ Threads

9. Which of these statements is incorrect?

(1 Point)

- ☐ By multithreading CPU idle time is minimized, and we can take maximum use of it
- ☐ By multitasking CPU idle time is minimized, and we can take maximum use of it
- ☐ Two thread in Java can have the same priority
- ☒ A thread can exist only in two states, running and blocked

10. Which of these interface must contain a unique element?

(1 Point)

- ☐ Array
- ☒ Set
- ☐ Collection
- ☐ List

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