Dashboard / My courses / Java-2K24 / JAVA LAB QUIZ / QUIZ 2 Unit 2

Started on	Wednesday, 8 May 2024, 10:11 AM
State	Finished
Completed on	Wednesday, 8 May 2024, 10:19 AM
Time taken	7 mins 31 secs
Grade	**7.00** out of 10.00 (**70**%)

Question **1**

Correct

Mark 1.00 out of 1.00

package test1; public class Test1 { static int x = 42; } package test2; public class Test2 extends test1.Test1 { public static void main(String[] args) { System.out.println("x = "+x); } }What is the result?

- ○ a. Compilation fails because of an error in line 2 of class Test2
- ◉ b. Compilation fails because of an error in line 4 of class Test2 ✓
- ○ c. x = 0
- ○ d. x = 42
- ○ e. Compilation fails because of an error in line 3 of class Test1

The correct answer is: Compilation fails because of an error in line 4 of class Test2

Question **2**

Correct

Mark 1.00 out of 1.00

2. Which operator is used to invert all the digits in binary representation of a number?
a) ~
b) < < <
c) > > >
d) ^

Select one:

- ○ a. ^
- ◉ b. ~ ✓   Unary not operator, ~, inverts all of the bits of its operand in binary representation
- ○ c. < < <
- ○ d. > > >

Your answer is correct.

The correct answer is: ~

Question **3**

Correct

Mark 1.00 out of 1.00

class Base{ Base(){System.out.print("Base");} } public class Alpha extends Base{ public static void main(String[] args){ new Alpha(); new Base(); } }What is the result?

- ○ a.   BaseBase ✓
- ○ b.   The code runs with no output
- ○ c.   Base
- ○ d.   Compilation fails
- ○ e.   An exception is thrown at runtime

The correct answer is: BaseBase

Question **4**

Correct

Mark 1.00 out of 1.00

Which of the following is not a segment of memory in java?

Select one:

- ○ a.   Stack Segment
- ○ b.   Heap Segment
- ○ c.   All of the Above
- ○ d.   Register Segment ✓
- ○ e.   Code Segment

Your answer is correct.

The correct answer is: Register Segment

Question **5**

Correct

Mark 1.00 out of 1.00

Predict the Output

```java
//filename Main.java
class Test {
    protected int x, y;
}
class Main {
    public static void main(String args[]) {
        Test t = new Test();
        System.out.println(t.x + " " + t.y);
    }
}
```

Select one:

    a.   Garbage Garbage

    b.   Compiler Error

    c.   -1 -1

    d.   0 0 ✔

Your answer is correct.

The correct answer is: 0 0

Question **6**

Incorrect

Mark 0.00 out of 1.00

float f[ ][ ][ ] = new float[3][][]; float f0 = 1.0f; float[ ][ ] farray = new float[1][1];Which is valid?

    a.   f[0] = farray[0][0];

    b.   f[0] = farray[0]; ✘

    c.   f[0] = farray;

    d.   f[0] = f0;

The correct answer is: f[0] = farray;

Question **7**

Correct

Mark 1.00 out of 1.00

abstract class AbstractIt { abstract float getFloat(); } public class AbstractTest extends AbstractIt { private float f1 = 1.0f; private float getFloat() { return f1; } }What is the result?

- ○ a.   Compilation succeeds
- ○ b.   Compilation fails because of an error at line 2
- ○ c.   An exception is thrown
- ◉ d.   Compilation fails because of an error at line 6 ✓

The correct answer is: Compilation fails because of an error at line 6

Question **8**

Incorrect

Mark 0.00 out of 1.00

class Super { public float getNum😎   { return 3.0f; } } public class Sub extends Super { }

- ◉ a.   public float getNum😎   { return 4.0f; } ✗
- ○ b.   public void getNum😎   { }
- ○ c.   public double getNum(float d) { return 4.0d; }
- ○ d.   public void getNum(double d) { }

The correct answer is: public void getNum😎   { }

Question **9**

Incorrect

Mark 0.00 out of 1.00

```java
import java.io.*;
class Chararrayinput
{
    public static void main(String[] args)
    {
    String obj  = "abcdefgh";
       int length = obj.length();
       char c[] = new char[length];
       obj.getChars(0, length, c, 0);
       CharArrayReader input1 = new CharArrayReader(c);
       CharArrayReader input2 = new CharArrayReader(c, 1, 4);
       int i;
      int j;
       try
       {
    while ((i = input1.read()) == (j = input2.read()))
          {

             System.out.print((char)i);
          }
        }
      catch (IOException e)
       {
          e.printStackTrace();

     }
    }
    }
```

Select one:

- a.   abc

- b.   bcde

- ⦿ c.   abcdefgh ✗

- d.   abcde

- e.   None of the Above

Your answer is incorrect.

The correct answer is: None of the Above

Question **10**

Correct

Mark 1.00 out of 1.00

Which of these process occur automatically by java runtime system?

Select one:

○ a.   All of the Above

○ b.   File Filtering

◉ c.   Serialization ✔

○ d.   Garbage Collection

Your answer is correct.

The correct answer is: Serialization

◄ Quiz 1 Unit 1

Jump to...

Quiz 3 Unit 3 ►