Certification SCJP/OCJP Mock Arrays

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4. Chapter: Arrays

1. Arrays Questions

4.1.1. What is the result of compiling and running the following code?

Author: JavaChamp Team

What is the result of compiling and running the following code?

```
public static void main(String[] args) {

  int[] a = new int[0];
  System.out.print(a.length);
}
```

Please choose only one answer:

- 0
- Compilation error, arrays cannot be initialized to zero size
- Compilation error, it is a.length() not a.length

Check the answer of this question online at QuizOver.com:
Question: how to declare java array?

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4.1.2. What is the result of compiling and running the following code?

Author: Yasser Ibrahim

What is the result of compiling and running the following code?

```java
public class Tester {

 static void test(int[] a) {
  int[] b = new int[2];
  a = b;
  System.out.print(b.length);
  System.out.print(a.length);
 }

 public static void main(String[] args) {

  int[] a = new int[5];
  test(a);
  System.out.print(a.length);

 }
}
```

Please choose only one answer:

- 225
- 255
- 200
- 222

4.1.3. What is true after running the following code?

Author: JavaChamp Team

What is true after running the following code?

```
public static void main(String[] args) {

  String entries[] = {"entry1","entry2"};
  int count=0;
  while (entries [count++]!=null){
   System.out.println(count);
  }
            System.out.println(count);
}
```

Please choose all the answers that apply:

- An Exception will be thrown
- 0 will be printed as part of the output
- 2 will be printed as part of the output
- 3 will be printed as part of the output

Check the answer of this question online at QuizOver.com:
Question: When ArrayIndexOutOfBoundsException is thrown?

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4.1.4. Which of the following declarations of an array is incorrect?

Author: Yasser Ibrahim

Which of the following declarations of an array is incorrect?

```
public static void main(String[] args) {

    int[] a[];
    int b[3];
    int []c[];
    int[] d[];

}
```

Please choose only one answer:

- a
- b
- c
- d

Check the answer of this question online at QuizOver.com:
Question: Array declaration in java

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http://www.quizover.com/flashcards/array-declaration-in-java?pdf=3044

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4.1.5. What is the result of compiling and running the following program?

What is the result of compiling and running the following program?

```
public class Tester {

 final static int x[] = new int[5];

 public static void main(String[] args) {
  final int x = new Tester().x[5];

  if (x <= 10)
    System.out.println("javachamp");
 }
}
```

Please choose only one answer:

- Compilation error
- ArrayIndexOutOfBoundsException is thrown
- javachamp
- No output is produced

4.1.6. public static void main(String[] args)

{

byte b1= 25;

byte b2=45...

Author: VenkaTESH POLNEEDI

public static void main(String[] args)

{

byte b1= 25;

byte b2=45;

byte b3= b1+b2;

}

Please choose only one answer:

- a)70
- b)CompileError
- c)25
- d)RunTimeException

4.1.7. Consider the following command-line invocations?

i. java Arrays

...

Author: Waduge Livera

Consider the following command-line invocations?

i. java Arrays

ii. java Arrays 12

iii. java Arrays 12 32

```
class Arrays
{
   public static void main(String [ ] args){
   for(int x=0;args.length>x++;){
   System.out.print(args[x]+ " ");
   }
    }
}
```

Please choose all the answers that apply:

- A. Only the invocation i will complete without throwing exceptions
- B. Only Invocation i will throw an exception.
- C. Invocation ii will produce he output 12.
- D. Invocation iii will produce he output 12 32.
- Invocations ii and iii will throw exceptions.

4.1.8. What is the result?

Author: Vinay K

What is the result?

```
public static void main(String[] args) {

 Object obj = new int[] { 1, 2, 3 }; // line 12
 int[] someArray = (int[])obj; // line 13
 for (int i : someArray) System.out.print(i + " "); // line 14

 }
```

Please choose only one answer:

- 1 2 3
- Compilation fails because of an error in line 12.
- Compilation fails because of an error in line 13.
- Compilation fails because of an error in line 14.
- A ClassCastException is thrown at runtime.

4.1.9. What is the result of running the following code with "java Test de...

Author: AlinaIoana Florea

What is the result of running the following code with "java Test debug":

```
class Test
{
    public static void main(String [ ] args)
    {
        if (args.length == 1 | args[1].equals("debug"))
        {
            System.out.println(args[0]);
        }
        else
        {
            System.out.println("Release");
        }
    }
}
```

Please choose only one answer:

- Debug
- Release
- Compilation fails
- An exception is thrown at run-time