

# DUMPS ARENA

## GIAC Secure Software Programmer – Java

GIAC GSSP-Java

Version Demo

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## Topic Break Down

Topic	No. of Questions
Topic 1, Volume A	96
Topic 2, Volume B	94
Topic 3, Volume C	85
<b>Total</b>	<b>275</b>

**QUESTION NO: 1**

Which of the following deployment descriptor elements is used to declare the reference of a client's application to an external resource?

- A. <ejb-ref>
- B. <resource-ref>
- C. <remote>
- D. <ejb-link>

- A. Option A
- B. Option B
- C. Option C
- D. Option D

**ANSWER: B****QUESTION NO: 2**

There are two threads defined in an application named "thread1" and "thread2". Which of the following options can be the direct cause of "thread1" becoming blocked?

Each correct answer represents a complete solution. Choose all that apply.

- A. thread1 attempt to read from a file
- B. thread1 executes thread2.sleep(3000)
- C. thread2 executes thread1 sleep(3000)
- D. thread1 raises its own priority
- E. thread1 executes new Thread (someRunnable)

**ANSWER: A B****QUESTION NO: 3**

Which of the following statements about a native modifier in Java are true? Each correct answer represents a complete solution. Choose two.

- A. It can be applied to methods and variables.

- B. A method with a native modifier must end with a semicolon.
- C. It can be applied only to methods.
- D. It can be applied only to variables.
- E. A separate Java class must be written to provide implementation for a native method.

**ANSWER: B C**

#### QUESTION NO: 4

Which of the following actions can you take to seal two packages, PackageA and PackageB, in the JAR file MyJar.jar?

Each correct answer represents a complete solution. Choose all that apply.

- A. Execute the following command. `jar cvf MyJar.jar Manifest.txt MyPackage/*.class`
- B. Create a text file named Manifest.txt with the following contents. Name. `myCompany/*Sealed. true`
- C. Execute the following command. `jar cmf MyJar.jar Manifest.txt MyPackage/*.class`
- D. Create a text file named Manifest.txt with the following contents.  
Name. `myCompany/PackageA/Sealed. true`  
Name. `myCompany/PackageB/ Sealed. true`

**ANSWER: C D**

#### QUESTION NO: 5

You work as a Programmer for InfoTech Inc. You write the following code.

1. `public class InnerDemo{`
2. `public static void main(String[] args) {`
3. `Car c = new Car();`
4. `// insert code here`
5. `e.test();`
6. `}`
7. `}`
8. `class Car{`
9. `class Engine{`

```
10. void test() {System.out.println("test"); }
```

```
11. }
```

```
12. }
```

Which of the following options should you add to line 4 so that the code compiles and produces the output "test"?

- A. Car.Engine e = c.new Engine();
- B. Engine e = c. new Engine();
- C. c.Engine e = Car.new Engine();
- D. Car.Engine e = Car.new Engine();

**ANSWER: A**

### QUESTION NO: 6

Mark works as a Programmer for InfoTech Inc. He develops a class named Data that imports all the required packages. The class Data uses a method named PrintData(), which uses a method that checks whether the caller has a BeanUser security role. Which of the following code of the method PrintData() will satisfy the requirement?

- A. 

```
public void PrintData()
{
@DeclareRoles("BeanUser")
@Resource SessionContext ctx;
@RolesAllowed("BeanUser")
Principal caller = ctx.getCallerPrincipal(); if (ctx.getCallerIdentity("BeanUser")) { System.out.println("It is the correct user");}
else{System.out.println("It is the incorrect user");};//more code}
```
- B. 

```
public void PrintData()
{@DeclareRoles("BeanUser")
@Resource SessionContext ctx;
@RolesAllowed("BeanUser")
Principal caller = ctx.getEJBHome();
if (!isCallerInRole(ctx)) {System.out.println("It is the correct user");} else{System.out.println("It is the incorrect user");};//more
code}
```
- C. 

```
public void PrintData()
{@DeclareRoles("BeanUser")
@Resource SessionContext ctx;
@RolesAllowed("BeanUser")
Principal caller = ctx.getCallerPrincipal(); if (ctx.isCallerInRole("BeanUser")) { System.out.println("It is the correct user");}
else{System.out.println("It is the incorrect user");};//more code}
```
- D. 

```
public void PrintData()
{@DeclareRoles("BeanUser")
@Resource SessionContext ctx;
@RolesAllowed("BeanUser")
Principal caller = ctx.getCallerPrincipal();
if (ctx.getStatus("BeanUser")) {System.out.println("It is the correct user");} else{System.out.println("It is the incorrect
```

```
user");} //more code}
```

**ANSWER: C****QUESTION NO: 7**

Rachel works as a Software Developer for Vivonet Inc. She writes the following code using Java.

```
class catchexcp
{
    public static void metha()
    {
        int x=4/0;System.out.print("Caught exception");
    }
    public static void main(String args[])
    {
        try{metha();}catch(ArithmeticException ae){System.out.print("Caught ArithmeticException");}
        finally{try{metha();}catch(ArithmeticException ae){System.out.print("ReCaught
        ArithmeticException");}}}
}
```

What will happen when she tries to compile and execute the code?

- A. It will compile and execute and will display ReCaught ArithmeticException.
- B. It will not compile.
- C. It will compile but will throw an exception at runtime.
- D. It will compile and execute and will display Caught exception Caught ArithmeticException ReCaught ArithmeticException.
- E. It will compile and execute and will display Caught exception ReCaught ArithmeticException.
- F. It will compile and execute and will display Caught ArithmeticException ReCaught ArithmeticException.

**ANSWER: F****QUESTION NO: 8**

Which of the following statements about the element are true? Each correct answer represents a complete solution. Choose all that apply.

- A. It is an optional sub-element of the element.
- B. It has and as its sub-elements.
- C. If the element is not present, all users can access the resource.
- D. If the element has no sub-element, all users can access the resource.

**ANSWER: A C**

**QUESTION NO: 9**

Which of the following modifiers is not an access modifier?

- A. protected
- B. abstract
- C. public
- D. private

**ANSWER: B**

**QUESTION NO: 10**

Mark works as a Software Developer for ZenTech Inc. He writes the following code.

```
1. public class Ques0352 {  
2. public static void main(String[] args) {  
3. String s1="JavaObject";  
4. String s1="ObjectJava";  
5. String s2="ObjectJava";  
6. if(s2.equals(s1))  
7. { System.out.println("Equal"); }  
8. else  
9. { System.out.println("Unequal"); }  
10. }  
11. }
```

Which of the following will happen to the code when he attempts to compile and run it?

- A. It will compile successfully and Unequal will be displayed as output.
- B. It will give a compile-time error at line 3.
- C. It will compile successfully and Equal will be displayed as output.
- D. It will give a compile-time error at line 4.

**ANSWER: D**

**QUESTION NO: 11**

Which of the following statements is true?

- A. All UTF characters are eight bits long.
- B. All UTF characters are all sixteen bits long.
- C. All UTF characters are twenty four bits long.
- D. All bytecode characters are sixteen bits long.
- E. All unicode characters are sixteen bits long.

**ANSWER: E**

**QUESTION NO: 12**

You work as a Software Developer for NewTech Inc. You write a bean class using Enterprise JavaBeans 3.0. The class uses the `@DeclareRoles` ("ADMIN, HR, DBA, USER") annotation to declare the security roles. The class contains a method named `showResult()`. You want to ensure that the ADMIN role is granted privilege to the `showResult()` method. Moreover, if a role that is not allowed to access the method tries to call the method, an error message must be shown. Assuming that there is no security-related element in the deployment descriptor, which of the following will you use to accomplish the task?

Each correct answer represents a part of the solution. Choose two.

- A. The `isCallerInRole()` method
- B. The `getCallerPrincipal()` method
- C. The `@RolesAllowed("ADMIN")` annotation
- D. The `@PermitAll` annotation

**ANSWER: A C**

**QUESTION NO: 13**

Which of the following attribute scopes does not exist for a Servlet?

- A. Request
- B. Session
- C. Context

D. Page

**ANSWER: D**

**QUESTION NO: 14**

Mark works as a Programmer for InfoTech Inc. He develops a program that defines a class named Inventory that has an instance variable named NumOfItems. Which of the following properties will be applied by NumOfItems?

Each correct answer represents a complete solution. Choose all that apply.

- A. It will not be visible in Static methods if it passed as a parameter.
- B. It will be visible in Static methods if it passed as a parameter.
- C. It will be available for all the instance methods of the class.
- D. It becomes available for garbage collection if it is no longer in scope.

**ANSWER: B C D**

**QUESTION NO: 15**

Which of the following statements are true?

Each correct answer represents a complete solution. Choose all that apply.

- A. An inner class cannot be defined as private.
- B. An inner class cannot be defined as protected.
- C. An inner class can be defined as private.
- D. An inner class can extend another class.

**ANSWER: C D**