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Topic Break Down

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QUESTION NO: 1

Mark works as a Programmer for InfoTech Inc. He develops the following code snippet. package Mark.tutorial.javaee.ejb; import java.util.logging.Logger; import javax.annotation.Resource; import javax.ejb.Stateless; import javax.ejb.Timeout; import javax.ejb.Timer; import javax.ejb.TimerService;

@Stateless

public class TimerBean implements TimerSessionBean {

@Resource

TimerService timerService;

private static final Logger logger = Logger.getLogger

("com.sun.tutorial.javaee.ejb.timersession.TimerSessionBean");

public void createTime(long intervalDuration) {

Timer timer = timerService.createTimer(intervalDuration, "New timer created");

}

@Timeout

public void timeout(Timer timer) {

logger.info("Timer Timeout");

}

}

which of the following statements are true about the code?

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

- A.** The class Logger cannot be used with a stateless session bean.
- B.** The EJB container will invoke the timeout method of TimerSessionBean when the timer expires.
- C.** The class is using the createTime method incorrectly because it creates a new timer.
- D.** TimerBean is a stateless session bean that shows how to set a timer.

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

Identify whether the given statement is true or false.

"When an exception occurs in a try block, each catch statement following the try block is inspected in sequential order, and the last one whose type matches that type of exception is executed."

- A. False
- B. True

ANSWER: A

QUESTION NO: 3

According to the EJB programming restrictions, which of the following should be used to access the files or directories?

- A. A resource manager API
- B. An output device such as screen display
- C. An enterprise bean
- D. An input device such as a keyboard

ANSWER: A

QUESTION NO: 4

You have written the following code snippet.

```
1. public class Read {  
2. protected int ReadText(int x) { return 0; }  
3. }  
4. class Text extends Read {  
5. /*insert code here*/6. }
```

Which of the following methods, inserted independently at line 5, will compile?

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

- A. private int ReadText(long x) { return 0; }
- B. protected long ReadText(int x, int y) { return 0; }
- C. protected long ReadText(long x) { return 0; }
- D. protected int ReadText(long x) { return 0; }
- E. private int ReadText(int x) { return 0; }

F. `public int ReadText(int x) { return 0; }`

G. `protected long ReadText(int x) { return 0; }`

ANSWER: A B C D F

QUESTION NO: 5

Which of the following are valid code samples for creating file permissions? Each correct answer represents a complete solution. Choose all that apply.

A. `FilePermission per = new FilePermission("-", "read, execute");`

B. `FilePermission per = new FilePermission("<>", "read");`

C. `FilePermission per = new FilePermission("file1", "read, write");`

D. `FilePermission per = new FilePermission("/bin/*", "execute");`

E. `FilePermission per = new FilePermission("/tmp/myfile", "read, delete");`

F. `FilePermission per = new FilePermission("/*", "read");`

ANSWER: A B C D E

QUESTION NO: 6

You write the following code. `class Father {public void Method() {System.out.println("I am Father");}}`

`public class Son extends Father {public static void main(String argv[]) {Son son = new Son
();son.Method();}}`

`private void Method() {System.out.println("I am Son");}}`

Which of the following will be the result, when you try to compile and run the code?

A. I am Father will be displayed as the output.

B. A runtime error will result.

C. I am Son will be displayed as the output.

D. The code will execute but without displaying any output.

E. A compile-time error will result.

ANSWER: E

QUESTION NO: 7

Which of the following methods of the HttpServletResponse interface is used for URL rewriting? Each correct answer represents a complete solution. Choose all that apply.

- A. encodeURL
- B. encodeRedirectURL
- C. sendRedirect
- D. getRequestURL()

ANSWER: A B**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 can have at the most one sub-element.
- B. It has as one of its sub-elements.
- C. If there is no sub-element, no HTTP method will be constrained.
- D. It is a sub-element of the element.

ANSWER: B D**QUESTION NO: 9**

The following JSP scriptlet is given.

```
<% response.setContentType("text/html; charset=ISO-8859-1"); %>
```

Which of the following directives is the equivalent directive for the scriptlet given above?

- A. <%@ include contentType="text/html; pageEncoding=ISO-8859-1" %>
- B. <%@ include contentType="text/html; charset=ISO-8859-1" %>
- C. <%@ page contentType="text/html; charset=ISO-8859-1" %>
- D. <%@ taglib contentType="text/html; pageEncoding=ISO-8859-1" %>

ANSWER: C

QUESTION NO: 10

Which of the following is the appropriate deployment descriptor elements entry for the code given below? @RunAs("admin")

@Stateless public class StudentBean implements Student { //more code ...

}

A. <enterprise-beans>

```
...
<session>
.
<ejb-name>Student</ejb-name>
...
<security-identity>
<run-as>
<method-permission>admin</method-permission>
</run-as> </security-identity>
...
</session>
..
</enterprise-beans>
```

B. <enterprise-beans>

```
...
<session>
.
<ejb-name>Student</ejb-name>
...
<security-identity>
<run-as>
<role-name>admin</role-name>
</run-as> </security-identity>
...
</session>
..
</enterprise-beans>
```

C. <enterprise-beans>

```
...
<session>
.
<ejb-name>Student</ejb-name>
...
<security-identity>
<run-as>
< security-role-ref>admin</ security-role-ref>
</run-as> </security-identity>
...
</session>
..
</enterprise-beans>
```

D. <enterprise-beans>

```
...
<session>
.
<ejb-name>Student</ejb-name>
...
<security-identity>
<run-as>admin</run-as>
</security-identity>
...
</session>
..
</enterprise-beans>
```

A. Option A

B. Option B

C. Option C

D. Option D

ANSWER: B

QUESTION NO: 11

Mark works as a Programmer for InfoTech Inc. He wants to develop a JMS API application that is used as a messaging service application. He writes the following createSession() method. session = connection.createSession(false, 2);

Which of the following statements are true about the syntax?

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

- A.** The client acknowledges a consumed message by calling the message's acknowledge method.
- B.** The acknowledge method can reduce session overhead by minimizing the work the session does to prevent duplicates.
- C.** This method instructs the session to lazily acknowledge the delivery of messages.
- D.** The session automatically acknowledges a client's receipt of a message.
- E.** If a message consumer consumes eight messages and then acknowledges the fourth message delivered, all eight messages are acknowledged.

ANSWER: A E

QUESTION NO: 12

Identify whether the given statement is true or false.

"A try statement can be placed inside the code block that follows another try statement."

- A.** True
- B.** False

ANSWER: A

QUESTION NO: 13

Which of the following elements of the `java.util.logging` package exports objects to a variety of destinations including memory, output streams, consoles, files, and sockets?

- A.** LogRecord
- B.** Filter
- C.** Logger
- D.** Handler

ANSWER: D

QUESTION NO: 14

You work as a developer for PassGuide Inc. You have implemented a session bean with a method `doPrint()`, which behaves differently depending on the caller's security role. Only MANAGER in the security roles "ADMIN" and "MANAGER" are

allowed to call the method. Which of the following actions are appropriate to accomplish if there is no security-related metadata in the deployment descriptor?

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

- A. If `EJBContext.getCallerPrincipal` returns role "ADMIN", implement the behavior for MANAGER in role ADMIN.
- B. If `EJBContext.isCallerInRole("ADMIN")` returns true, implement the behavior defined for MANAGER in role "ADMIN".
- C. Annotate method `doPrint()` with `@RolesAllowed({"ADMIN","MANAGER"})`.
- D. Annotate method `doPrint()` with `@PermitAll`.

ANSWER: B C

QUESTION NO: 15

You develop an application. Now you want to ensure that data is sent between client and server in such a way that it cannot be changed in transit. Which of the following element declarations will be specified to satisfy the requirement of the application?

- A. `<user-data-constraint>`
`<transport-guarantee>INTEGRAL</transport- guarantee>`
`</user-data-constraint>`
- B. `<user-data-constraint>`
`<transport-guarantee>CONFIDENTIAL</transport- guarantee>` `</user-data-constraint>`
- C. `<user-data-constraint>`
`<transport-guarantee>NONE</transport- guarantee>`
`</user-data-constraint>`
- D. `<auth-constraint>`
`<transport-guarantee>CONFIDENTIAL</transport- guarantee>` `</auth-constraint>`

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

ANSWER: A