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Topic Break Down

Topic	No. of Questions
Topic 1, Volume A	96
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Topic 3, Volume C	85
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QUESTION NO: 1

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: 2**

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: 3**

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: 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 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: 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 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: 8

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: 9**

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: 10**

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: 11

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: 12**

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**QUESTION NO: 13**

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: 14

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: 15

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