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Exam : **A00-205**

Title : SAS Webaf server-side
application Development

Version : DEMO

1. The following JSP uses tags to access SAS data: `<%@taglib uri="http://www.sas.com/taglib/sasads"`

`prefix="sasads"%> <html><body> <sasads:Connection id="connection1" scope="session"`

`initialStatement="libname db '.';" /> <sasads:Submit connection="connection1"`

`display="LASTOUTPUT" > data report; set db.payroll (obs=10);`

`where division='EUROPE'; run; proc print data=report;`

`</sasads:Submit> /body></html>` Which of the following explains why no results are displayed?

- A. The SAS program contains a syntax error.
- B. The SAS program is missing a step boundary.
- C. The Connection Custom Tag syntax is incorrect.
- D. The open Submit Custom Tag syntax is incorrect.

Answer: B

2. A SAS program named `printProcedure` contains a macro variable named `numObs`. A JSP file includes: a form with a choice box control named `number` that contains numeric values that are used to specify the number of observations printed in the report

a Submit Custom Tag that submits the SAS program named `printProcedure`. Which of the following JSP code segments retrieves the value selected in the choice box and assigns it to the macro variable?

I. `<sasads:Submit id="submit1" connection="connection1"`

`display="LASTOUTPUT" > %let numObs=<%=request.getParameter("number")%>;`

`%include 'c:\printProcedure.sas'; </sasads:Submit>`

II. `<% String selObs=request.getParameter("number"); %> <sasads:Submit id="submit1"`

`connection="connection1"`

`display="LASTOUTPUT" > %let numObs=<%=selObs%>; %include 'c:\printProcedure.sas';`

`</sasads:Submit>`

III. `<% String selObs=request.getParameter("number"); %> <sasads:Submit id="submit1"`

`connection="connection1"`

`display="LASTOUTPUT" > %let numObs=selObs; %include 'c:\printProcedure.sas';`

`</sasads:Submit>`

```
IV. <% String selObs=request.getParameter("number"); %> <sasads:Submit id="submit1"
connection="connection1 "
```

```
display="LASTOUTPUT" > %let numObs=&selObs; %include 'c:\printProcedure.sas';
```

```
</sasads:Submit>
```

- A. I only
- B. III only
- C. I and II only
- D. III and IV only

Answer: C

3. Which of the following describes viewing the detailed data behind a specific data cell in a SAS MDDB?

- A. Expand
- B. Subset
- C. Drill down
- D. Reach-through

Answer: D

4. Click on the Exhibit button to display an entity-relationship data model for a stock broker program. The data model needs to be optimized for queries to gather a customer's net worth on a given day. The broker has two customers holding stock in several hundred different companies. Daily pricing history goes back ten years for each company. Which one of the following index schemes allows optimal performance of the query?

Prices		Transaction	
cusip (PK1)	text	transact_id (PK1)	int
price	double	cusip (FK1)	text
date (PK2)	datetime	quantity	double
		buysell	int
		trandate (FK2)	datetime
		cust_name	text

- A. composite index on cusip and date in the Prices table composite index on cusip and trandate in the Transaction table

B. composite index on cusip and date in the Prices table composite index on cust_name, cusip, and trandate in the Transaction table

C. simple index on cusip in the Prices table simple index on date in the Prices table composite index on cusip and trandate in the Transaction table

D. composite index on date and cusip in the Prices table simple index on cusip in the Transaction table simple index on trandate in the Transaction table

Answer: C

5. Which of the following are advantages of using JavaScript on an HTML form?

I. It can implement client-side validation.

II. It can implement server-side validation.

III. It can implement data security on the form.

IV. It can enable a submit request without needing a submit button.

A. I and IV only

B. II and IV only

C. I, III, and IV

D. II, III, and IV

Answer: A

6. Assume that an application must move to another resource. It must also prevent access to the current request and response objects. Which of the following methods satisfies the above requirement?

A. the response object's forward() method

B. the response object's sendRedirect() method

C. the RequestDispatcher object's include() method

D. the RequestDispatcher object's forward() method

Answer: B

7. Assume a connection to SAS exists. The following JSP code is executed: `<%@taglib uri="http://www.sas.com/taglib/sasads"`

```
prefix="sasads"%> <sasads:Connection id="connection1" scope="session" /> <html><body>
<sasads:Submit id="submit1" connection="connection1"
```

```
display="LASTOUTPUT" > options nodate nonumber; proc print data=sashelp.shoes(obs=5);
```

```
title1 'Partial listing of the SHOES data set';
```

```
run; </sasads:Submit> <sasads:Submit id="submit2" connection="connection1"
```

display="LASTLOG" > </sasads:Submit> </body></html> Click the Exhibit button to view the resulting output. Which of the following modifications to the second Submit Custom Tag in the JSP would produce the output shown in the exhibit?

Partial listing of the SHOES data set				
Obs	Region	Product	Subsidiary	Stores
1	Africa	Boot	Addis Ababa	12
2	Africa	Men's Casual	Addis Ababa	4
3	Africa	Men's Dress	Addis Ababa	7
4	Africa	Sandal	Addis Ababa	10
5	Africa	Slipper	Addis Ababa	14

Obs	Sales	Inventory	Returns
1	\$29,761	\$191,821	\$769
2	\$67,242	\$118,036	\$2,284
3	\$76,793	\$136,273	\$2,433
4	\$62,819	\$204,284	\$1,861
5	\$68,641	\$279,795	\$1,771

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- A. <sasads:Submit ref="submit2" connection="connection1" display="LASTLOG" > </sasads:Submit>
- B. <sasads:Submit ref="submit1" connection="connection1" display="LASTLOG" />
- C. <sasads:Submit id="submit1" connection="connection1" display="PREVIOUSLOG" />
- D. <sasads:Submit id="submit2" connection="connection1" display="PREVIOUSLOG" />

Answer: B

8. Which of the following are ways to configure an IOM Bridge Server?

- I. using an LDAP server
 - II. using configuration files
 - III. using an IOMConfiguration object
 - IV. embedding server information in the application
- A. I and II only
 - B. II and III only
 - C. I, II and IV only

D. I, II, III and IV

Answer: C

9. An application has the following requirements: The number of users is likely to grow rapidly. There is a large number of users across multiple locations. The application is dynamic and requires updates to be propagated quickly and easily. There are a wide variety of client machines utilizing different hardware and software platforms. Which of the following technologies satisfies the above requirements?

A. Java applet

B. Java application

C. SAS/AF application

D. Server-side Java application

Answer: D

10. Which of the following statements is true about object-orientation in Java?

A. An abstract class can not be subclassed.

B. Subclasses can only use attributes and methods inherited from the parent class.

C. A class that is toward the bottom of the class hierarchy is a generic, non-specialized class.

D. Subclasses start out with the protected attributes and methods inherited from the parent class.

Answer: D