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Exam : 190-756

Title : Using Web Services in IBM Lotus
Domino 7 Applications

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QUESTION 1

Brett is examining a WSDL file for his Domino Web service. What role does the Port Type element have in the file?

- A. It is the communication protocol supported by the Web service.
- B. It is the actual server port used by the Web service.
- C. It is the definition of the Web server being used for the Web service.
- D. It is a set of operations supported by the Web service.

Answer: D

QUESTION 2

What is the purpose of a SOAP fault in a SOAP message?

- A. A SOAP fault is used to carry error information within a SOAP message.
- B. A SOAP fault is used to trigger an error in a Web service.
- C. A SOAP fault is used to route program logic within a SOAP message.
- D. A SOAP fault is used to specify error routines within a SOAP message.

Answer: A

QUESTION 3

The Envelope element of an XML SOAP request contains what other elements?

- A. Just the Header
- B. No elements are contained within the Envelope. It only serves to define the namespaces.
- C. Both the Header and the Body
- D. Just the Body

Answer: C

QUESTION 4

Manju has coded the following two lines in his SOAP request envelope:

```
<stock xsi:type="xsd:string">IBM</stock>
```

```
<currency xsi:type="xsd:string">USD</currency>
```

What type of data is being passed to the Web service with these statements?

- A. Simple data types
- B. Complex data types
- C. Object data types
- D. Defined data types

Answer: A

QUESTION 5

Certkiller has developed the OrderStatus Web service in the Sales.nsf database. What is one way she can access the WSDL document for this Web service, using her Web browser?

- A. In the address bar of the Web browser, type the database url, followed by /WebService&OrderStatus?OpenWSDL
- B. In the address bar of the Web browser, type the database url, followed by /OrderStatus
On the page that displays, click the "wsdl" link
- C. In the address bar of the Web browser, type the database url, followed by /OrderStatus
- D. In the address bar of the Web browser, type the database url, followed by /OrderStatus?OpenWSDLDocument

Answer: B

QUESTION 6

Chris has used Domino Designer 7 to create a Web service design element. What is the main purpose of a Web service designed in this way?

- A. Consume a WSDL file provided by other systems
- B. Host a Web service for consumption by other systems
- C. Consume a Web service provided by other systems
- D. Provide a SOAP message for consumption by other system

Answer: B

QUESTION 7

Chuckie is writing a web service, and one of his methods takes a parameter called "TimeOfDay". He wants to restrict this parameter to accept only the following values:

- * Morning
- * Afternoon
- * Evening

He wants to set up a data type that defines this set of values that are allowed. What does he need to use in order to accomplish this?

- A. Array
- B. List
- C. Complex Data Type
- D. Enumeration

Answer: D

QUESTION 8

Chris has used Domino Designer 7 to create a Web service design element. What is the main purpose of a Web service designed in this way?

- A. Provide a SOAP message for consumption by other system
- B. Host a Web service for consumption by other systems
- C. Consume a Web service provided by other systems
- D. Consume a WSDL file provided by other systems

Answer: B

QUESTION 9

Collin is writing a Domino Web service to provide product inventory information. What signature of the getQuantity function in his Web service would result in this WSDL being part of the associated WSDL document?

```
<wsdl:message name="GETQUANTITYResponse">
<wsdl:part name="GETQUANTITYReturn" type="xsd:short"/>
</wsdl:message>
:
<wsdl:operation name="GETQUANTITY" parameterOrder="PRODID">
<wsdl:input message="impl:GETQUANTITYRequest"
name="GETQUANTITYRequest"/>
<wsdl:output message="impl:GETQUANTITYResponse"
name="GETQUANTITYResponse"/>
</wsdl:operation>
```

- A. Public Function getQuantity(ProdID As String) As Integer
- B. Private Function GETQUANTITY(PRODID As String) As Long
- C. Private Function GETQUANTITY(PRODID As String) As Single
- D. Public Function getQuantity(ProdID As String) As Double

Answer: A

QUESTION 10

Larry has built a Domino Web service that includes the following class definition:

```
Class AccountInformation
Public VendorName As String
Public AccountBalance As Single
End Class
```

One of the functions within the Web service has a signature as follows:

```
Function GetVendorNameAndBalance(personname As String) As AccountInformation
```

What data type will this return in the SOAP response message?

- A. simple data type
- B. String data type
- C. complex data type
- D. mixed data type

Answer: C

QUESTION 11

Which of the following things would cause the WSDL of a Domino web service to be regenerated?

- A. Signing the web service with a different ID
- B. Changing a parameter of a public method
- C. Changing the code within a public method
- D. Adding or removing an implicit Fault from a public method

Answer: B

QUESTION 12

Violet is responsible for maintaining a Domino web service that is used extensively in her organization. She wants to make sure that any changes made to the web service that would alter the WSDL file do not get saved accidentally to the application design. What can she do to help prevent this?

- A. Select the "Do Not Allow WSDL Interface Changes" option in the Web Service Properties dialog box.
- B. Select the "WSDL Is Read Only" option in the Web Service Properties dialog box.
- C. Select the "Flag WSDL Interface Changes" option in the Web Service Properties dialog box.
- D. Select the "Warn If The WSDL Interface Is Modified" option in the Web Service Properties dialog box.

Answer: D

QUESTION 13

Collin is writing a Domino Web service to provide product inventory information. What signature of the getQuantity function in his Web service would result in this WSDL being part of the associated WSDL document?

```
<wsdl:message name="GETQUANTITYResponse">
<wsdl:part name="GETQUANTITYReturn" type="xsd:short"/>
</wsdl:message>
:
<wsdl:operation name="GETQUANTITY" parameterOrder="PRODID">
<wsdl:input message="impl:GETQUANTITYRequest"
name="GETQUANTITYRequest"/>
<wsdl:output message="impl:GETQUANTITYResponse"
name="GETQUANTITYResponse"/>
</wsdl:operation>
```

- A. Public Function getQuantity(ProdID As String) As Integer
- B. Public Function getQuantity(ProdID As String) As Double
- C. Private Function GETQUANTITY(PRODID As String) As Long
- D. Private Function GETQUANTITY(PRODID As String) As Single

Answer: A

QUESTION 14

Certkiller has written a Domino Web service that accepts an employee name as input, and returns Employee information associated with the name. Here is an excerpt from the WSDL associated with the Web service:

```
<wsdl:portType name="EmployeeInfo">
<wsdl:operation name="GETEMPID" parameterOrder="FULLNAME">
<wsdl:input message="impl:GETEMPIDRequest" name="GETEMPIDRequest"/>
<wsdl:output message="impl:GETEMPIDResponse" name="GETEMPIDResponse"/>
<wsdl:fault message="impl:NAMELOOKUPFAULT"
name="NAMELOOKUPFAULT"/>
</wsdl:operation>
```

Which of the LotusScript function signatures below would have resulted in the WSDL shown above?

- A. Function getEmpID(FullName As String, NameLookupFault As WS_FAULT) As EmployeeInfo
- B. Function getEmpID(FullName As String, NameLookupFault As String) As EmployeeInfo
- C. Function getEmpID(FullName As String, NameLookupFault As WS_FAULT) As String
- D. Function getEmpID(FullName As String, NameNotFoundFault As NameLookupFault) As String

Answer: D

QUESTION 15

Joe is creating a web service. What role does UDDI play in a Web service?

- A. UDDI allows listing and discovery of available Web services.
- B. UDDI defines the methods of a specific Web service.
- C. UDDI controls the access levels of a Web service client.
- D. UDDI validates the proper functioning and use of a Web service.

Answer: A

QUESTION 16

Frances has a web services client that generates the following SOAP message when calling a Domino web service that has been written in LotusScript:

```
<?xml version='1.0' encoding='UTF-8'?>
<SOAP-ENV:Envelope
xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema">
```

```
<SOAP-ENV:Body>
<ns1:GETPERSONINFO xmlns:ns1="urn:DefaultNamespace"
SOAP-ENV:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/">
<PNAME xsi:type="ns1:PERSONNAME">
<FIRSTNAME xsi:type="xsd:string">Billy Bob</FIRSTNAME>
<LASTNAME xsi:type="xsd:string">Brubaker</LASTNAME>
</PNAME>
</ns1:GETPERSONINFO>
</SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

Based on the structure of this message, which of the following represents the possible signature of the LotusScript function that implements the "GetPersonInfo" method?

- A. Function GetPersonInfo (pname As PersonName, firstName As String, lastName As String) As PersonInfo
- B. Function GetPersonInfo (pinfo As PersonInfo) As PersonName
- C. Function GetPersonInfo (pname As PersonName) As PersonInfo
- D. Function GetPersonInfo (firstName As String, lastName As String) As PersonName

Answer: C

QUESTION 17

What is the purpose of a SOAP fault in a SOAP message?

- A. A SOAP fault is used to trigger an error in a Web service.
- B. A SOAP fault is used to route program logic within a SOAP message.
- C. A SOAP fault is used to carry error information within a SOAP message.
- D. A SOAP fault is used to specify error routines within a SOAP message.

Answer: C

QUESTION 18

The InventoryData script library contains LotusScript functions that retrieve product inventory data from the Products.nsf database. Giselle would now like to make this functionality available as a Web service to non-Domino applications. What is one way can she do this?

- A. Create a new Domino Web service element in Products.nsf. Create a public class in the Web service. Copy the functions from the script library and edit them in the new class. Set the PortType class of the Web service to the name of the class that contains the functions.
- B. Create a new Domino Web service element in Products.nsf. In the (Options) section enter: Use "InventoryData". Set the PortType class of the Web service to the name of the script library.
- C. Place the functions within a public class in the script library. On the design tab of the Design Document properties of the script library, select "Enable as Web service". From

the Tools menu, select "Recompile All LotusScript".

D. On the design tab of the Design Document properties of the script library, select "Enable as Web service". From the Tools menu, select "Recompile All LotusScript".

Answer: A

QUESTION 19

Gloria has coded the GetAccountBalance class in the Declaration section of her Web service. What WSDL element will map to this class name?

- A. wsdl:binding
- B. wsdl:portType
- C. wsdl:service
- D. wsdl:operation

Answer: B

QUESTION 20

The WSDL files generated by Domino web services typically contain the following namespace definition:

xmlns:xsd="http://www.w3.org/2001/XMLSchema"

What is the purpose of this namespace?

- A. It defines the SOAP elements that are used in the request and response, such as header and body
- B. It defines common data types, such as string and int
- C. It does nothing. It is simply there for support of older Web services clients.
- D. It defines the elements in the basic WSDL structure, such as portType and binding

Answer: B

QUESTION 21

Nils is developing a Domino Web service to return employee data. The Web service will accept an employee name, and return the ID, phone number, and salary of the employee. Nils had started to code a separate public function to return each of these data items, but is wondering if he can create a Web service that will accept the employee name and return all 3 desired fields at once. Can he do this in Domino? Why or why not?

- A. No. Domino Web services must include a public class. That class may include functions and subs, but subs cannot return values, so Nils must use functions.
- B. Yes. Nils can code a public sub with 4 parameters: one input parameter and three inout parameters.
- C. No. Domino Web services must include a public class, and that public class must expose a public function for each defined operation. Each function returns a single value.
- D. Yes. Nils can code a public function with 4 parameters: one input parameter and three output parameters.

Answer: B

QUESTION 22

Nils is developing a Domino Web service to return employee data. The Web service will accept an employee name, and return the ID, phone number, and salary of the employee. Nils had started to code a separate public function to return each of these data items, but is wondering if he can create a Web service that will accept the employee name and return all 3 desired fields at once. Can he do this in Domino? Why or why not?

- A. No. Domino Web services must include a public class. That class may include functions and subs, but subs cannot return values, so Nils must use functions.
- B. No. Domino Web services must include a public class, and that public class must expose a public function for each defined operation. Each function returns a single value.
- C. Yes. Nils can code a public sub with 4 parameters: one input parameter and three inout parameters.
- D. Yes. Nils can code a public function with 4 parameters: one input parameter and three output parameters.

Answer: C

QUESTION 23

The GetEmployeeInfo web service has been coded in LotusScript. Heinz now wants to test to see if the web service is available from the Domino server on which it resides. How can he do this?

- A. Open a web browser. In the address bar, type the database url, followed by /GetEmployeeInfo?OpenWebService
- B. Open the database log. Locate the log document from when the server was last restarted (or when the web service was activated, whichever is more recent). Each available web service will have 3 entries in the log indicating the date/time when the web service was activated.
- C. Ensure that the Domino Administrator has configured a Web Service Profile document for the web service in the Domino Directory. Open the Domino Directory, expand the Servers view, locate the server on which the web service resides, and examine the Web Service Profile document for this web service categorized under the server.
- D. In the Options section of the Web service, add %INCLUDE "lsxws.lss". In the address bar of a web browser, type the database url, followed by /GetEmployeeInfo?Ping

Answer: A

QUESTION 24

Shelley has written a web service in her Domino application and would like to test the service locally. How can she do that?

- A. Export the WSDL file to a local drive, launch a browser, and then open the WSDL file

using the browser.

- B. Open the Web Service, select Preview In Browser, and then change the URL to reference the name of the web service followed by ?OpenWebService or ?WSDL.
- C. Select Tools Web Service Run Agent from the Domino Designer menu, and then change the URL to append ?OpenWebService or ?WSDL.
- D. Open a form or page design, preview it in a browser, and then change the URL to reference the name of the web service followed by ?OpenWebService or ?WSDL.

Answer: D

QUESTION 25

Lorraine is examining a WSDL file for her Domino Web service. What role does the Message element have in the file?

- A. It defines error messages that can be returned to the browser.
- B. It stores the actual data being sent to the Web service.
- C. It defines the data being communicated to or from the Web service.
- D. It defines messages that can be displayed to the end user.

Answer: C

QUESTION 26

Rob is creating a Stock Price Web service in Domino and would like to use an existing WSDL file as his starting point. How can he create his Web service from that WSDL file?

- A. Use the Import WSDL Action from the Tool menu in Domino Designer
- B. Use the WSDL Import Wizard in a Web Service design element
- C. Use the Import WSDL button in a Web Service design element
- D. Use the Build From WSDL button in a Web Service design element

Answer: C

QUESTION 27

Quincy is examining a WSDL file for his Domino Web service. What role does the Service element have in the file?

- A. It points to the specific server where the Web service will execute.
- B. It defines a specific method available in the Web service.
- C. It is the name of the Web service as a whole, and it contains the ports and endpoints for the service.
- D. It describes the Web service function in a human-readable format.

Answer: C

QUESTION 28

UDDI is the acronym for what?

- A. Universal Description, Discovery and Integration
- B. Universal Document Description Integration
- C. Unlimited Data Discovery Interface
- D. Unbound Data Definition Interface

Answer: A

QUESTION 29

Certkiller has a Web service that returns shipping status for a package. The Web service needs to access information from another Domino database, to which the end user does not have access. How can Certkiller configure the Web service to have the desired access?

- A. Set Run On Behalf Of in the Web Services Properties box Security tab.
- B. Use the NotesAccessControl Domino object in the Web service.
- C. Add <wsdl:accessPublic fieldname=fieldname /> to the WSDL file.
- D. Set the ACL in the web service database to give the necessary level of access to the default user.

Answer: A

QUESTION 30

Brett is examining a WSDL file for his Domino Web service. What role does the Port Type element have in the file?

- A. It is a set of operations supported by the Web service.
- B. It is the definition of the Web server being used for the Web service.
- C. It is the communication protocol supported by the Web service.
- D. It is the actual server port used by the Web service.

Answer: A

QUESTION 31

Harlan is examining the SOAP message from his Web service. He notices the use of a soap namespace and some other namespaces as well. What is the purpose of using namespaces?

- A. SOAP information uses XML. Element names in XML are not predefined. By using the namespace name as a prefix to element names, one can ensure unique element names.
- B. SOAP information uses XML. If any namespaces are designated, the XML parser that processes the SOAP message will first retrieve the schema(s) from the namespace URI(s) and verify that the SOAP message includes all required elements.
- C. The use of namespaces is completely optional. If a SOAP message does include

namespaces, then the name of every XML element in the SOAP message must begin with a prefix defined by one of the namespaces. The XML parser will then validate the content of the SOAP message.

D. SOAP is an extension of XML. Each namespace includes a short string to be used when naming XML elements. Each XML element of the SOAP message must include one of these prefixes in its name. This requirement ensures unique names.

Answer: A

QUESTION 32

Enabling the "Profile this web service" option in a web service does what?

- A. Writes information to the server console each time the web service is accessed
- B. Creates a hidden document when the web service runs, containing information about how long it took for various methods and operations to complete
- C. Compiles the web service with debugging information
- D. Writes information to a NotesLog each time the web service is accessed

Answer: B

QUESTION 33

Barbara sends the following SOAP request to a Web service:

```
<?xml version="1.0" ?>
<env:Envelope xmlns:env='http://www.w3.org/2003/05/soap-envelope'>
<env:Header>
<Its:Extension xmlns:Its='http://lotus.com/service1' env:mustUnderstand='true'/>
</env:Header>
<env:Body>
...
</env:Body>
</env:Envelope>
```

She receives back the following SOAP response from the Web service:

```
<?xml version="1.0" ?>
<env:Envelope xmlns:env='http://www.w3.org/2003/05/soap-envelope'
xmlns:xml='http://www.w3.org/XML/1998/namespace'>
<env:Header>
<env:NotUnderstood qname='Its:Extension' xmlns:Its='http://lotus.com/service1' />
</env:Header>
<env:Body>
<env:Fault>
<env:Code><env:Value>env:MustUnderstand</env:Value></env:Code>
<env:Reason>
<env:Text xml:lang='en'>One or more mandatory SOAP header blocks not understood
</env:Text>
</env:Reason>
</env:Fault>
```

```
</env:Body>  
</env:Envelope>
```

What is this result an example of?

- A. SOAP fault
- B. WSDL fault
- C. UDDI error
- D. XML error

Answer: A

QUESTION 34

Selina wrote a LotusScript web service method with the following structure:

```
Public Function lookupPersonInfo (personName As String, f As WS_FAULT) As
```

```
PersonInfo
```

```
    '** do the lookup, return the information in our custom PersonInfo data type
```

```
End Function
```

What is the purpose of the WS_FAULT parameter in the Function definition?

- A. It indicates that the incoming SOAP message should include 2 parameters: a "personName" string and an empty SOAP Fault object
- B. It allows the method to return a custom message if an error occurs in the code
- C. It is a required parameter for any methods that do not contain error handling blocks
- D. It specifies that a SOAP Fault will be returned if an error occurs (otherwise, the client would expect an empty response in the case of an error)

Answer: B

QUESTION 35

The WSDL files generated by Domino web services typically contain the following namespace definition:

```
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
```

What is the purpose of this namespace?

- A. It defines the SOAP elements that are used in the request and response, such as header and body
- B. It defines common data types, such as string and int
- C. It defines the elements in the basic WSDL structure, such as portType and binding
- D. It does nothing. It is simply there for support of older Web services clients.

Answer: B

QUESTION 36

What are the elements that are incorporated within a WSDL file?

- A. Service, Ports, SOAP Type, Encoding, Methods

- B. Service, Encoding, Version, Methods, Operation
- C. Service, Status, Port Type, Operations, Security
- D. Service, Types, Message, Port Type, Operation, Binding, Port

Answer: D

QUESTION 37

Roosevelt wants to write a Domino Web service that queries the Notes database in which it resides, and returns a String result based on that query. What is the easiest way for him to write this Web service?

- A. By customizing one of the default Web services in the database that queries views and returns a result
- B. Using LotusScript or Java
- C. Using the "Simple Action" option in the Web service design element that queries a Notes view
- D. Using Formula language with a simple @DbLookup

Answer: B

QUESTION 38

Selina wrote a LotusScript web service method with the following structure:

```
Public Function lookupPersonInfo (personName As String, f As WS_FAULT) As  
PersonInfo  
    '** do the lookup, return the information in our custom PersonInfo data type  
End Function
```

What is the purpose of the WS_FAULT parameter in the Function definition?

- A. It is a required parameter for any methods that do not contain error handling blocks
- B. It allows the method to return a custom message if an error occurs in the code
- C. It indicates that the incoming SOAP message should include 2 parameters: a "personName" string and an empty SOAP Fault object
- D. It specifies that a SOAP Fault will be returned if an error occurs (otherwise, the client would expect an empty response in the case of an error)

Answer: B

QUESTION 39

Philip is adding error handling to the getProductDescr function in his Domino Web service. Philip has added the "Option Declare" line in the (Options) section of his code.

The function signature is:

```
Function getProductDescr( ProdKey As String, ProdNotFound As WS_FAULT ) As  
String
```

In the error handling code of the function, Philip has added this line:

```
Call ProdNotFound.setFault(True)
```

When he tries to save the Web service, he receives the message, "Not a member:

SETFAULT". How can Philip fix this error?

- A. Default settings for Domino Web services do not support generating faults. Select "Compile LotusScript code with debugging information" from the Advanced properties tab of the Web service design element.
- B. WS_FAULT is defined in the lsxsd.iss file. Add this line to the (Options) section of the Web Service: %INCLUDE "lsxsd.iss"
- C. SetFault is a property of WS_FAULT, not a method. Change the line to ProdNotFound.setFault = True
- D. The ProdNotFound object has not been instantiated. Add this line prior to calling the setFault method: Set ProdNotFound = New WS_FAULT

Answer: B

QUESTION 40

What statement needs to be added to the Options section of a LotusScript Web service in order to use special data types such as STRINGARRAY HOLDER and XSD_DATETIME?

- A. Nothing. These classes are available by default to a LotusScript Web service.
- B. Use "wstypes"
- C. %INCLUDE "wstypes.iss"
- D. %INCLUDE "lsxsd.iss"

Answer: D

QUESTION 41

Quincy is examining a WSDL file for his Domino Web service. What role does the Service element have in the file?

- A. It describes the Web service function in a human-readable format.
- B. It is the name of the Web service as a whole, and it contains the ports and endpoints for the service.
- C. It points to the specific server where the Web service will execute.
- D. It defines a specific method available in the Web service.

Answer: B

QUESTION 42

Chuckie is writing a web service, and one of his methods takes a parameter called "TimeOfDay". He wants to restrict this parameter to accept only the following values:

- * Morning
- * Afternoon
- * Evening

He wants to set up a data type that defines this set of values that are allowed. What does he need to use in order to accomplish this?

- A. Complex Data Type
- B. Enumeration
- C. Array
- D. List

Answer: B

QUESTION 43

Which of the following things would cause the WSDL of a Domino web service to be regenerated?

- A. Adding or removing an implicit Fault from a public method
- B. Changing the code within a public method
- C. Signing the web service with a different ID
- D. Changing a parameter of a public method

Answer: D

QUESTION 44

In a Domino web service defined with a SOAP message format of Document/literal, where are the complex data types (if any) defined in the WSDL file?

- A. <wsdl:message>
- B. <wsdl:input>
- C. <wsdl:types>
- D. <wsdl:part>

Answer: C

QUESTION 45

How is a Domino web service called by a client?

- A. from Java using CORBA, or Windows programs using a COM object
- B. via a URL of the format
`http://servername/databasename.nsf/webservicename?OpenWebService`
- C. with a SOAP message, using XML pipes
- D. using the Notes NRPC protocol, in the format
`notes://servername/databasename.nsf/webservicename?OpenWebService`

Answer: B

QUESTION 46

Cam is coding a Domino application that will provide a Web service. Where will he add the Web service code in Domino Designer?

- A. Shared Code > Web Services
- B. Shared Resources > Web Services
- C. Shared Code > Agents > Web Services
- D. Shared Resources > WSDL and Shared Code > Web Services

Answer: A

QUESTION 47

Tim uses the following class as a complex data type in his LotusScript web service:

```
Public Class PersonInfo
Public FirstName As String
Public LastName As String
Public PhoneNumber As String
End Class
```

How will the resulting WSDL file show this complex data type definition?

- A. `<complexType name="PERSONINFO">`
`<sequence>`
`<element name="FIRSTNAME" type="xsd:string"/>`
`<element name="LASTNAME" type="xsd:string"/>`
`<element name="PHONENUMBER" type="xsd:string"/>`
`</sequence>`
`</complexType>`
- B. `<complexType name="PERSONINFO">`
`<sequence>`
`<element name="FIRSTNAME" type="STRING HOLDER"/>`
`<element name="LASTNAME" type="STRING HOLDER"/>`
`<element name="PHONENUMBER" type="STRING HOLDER"/>`
`</sequence>`
`</complexType>`
- C. `<complexType name="PersonInfo">`
`<sequence base="xsd:string">`
`<element value="FirstName"/>`
`<element value="LastName"/>`
`<element value="PhoneNumber"/>`
`</sequence>`
`</complexType>`
- D. `<complexType name="PersonInfo">`
`<sequence>`
`<element name="FirstName" type="xsd:string"/>`
`<element name="LastName" type="xsd:string"/>`
`<element name="PhoneNumber" type="xsd:string"/>`
`</sequence>`
`</complexType>`

Answer: A

QUESTION 48

Eloise has created a Domino Web service to provide on-hand inventory data to her company's suppliers. She would like to check the performance of the Web service. What step(s) must Eloise follow to enable profiling of her Web service?

- A. From the Security tab of the Web service properties box, check "Profile this Web service."
- B. Have a Domino Administrator create a Web Service profile for the web service on the hosting server. From the Security tab of the Web service properties box, check "Profile this Web service."
- C. Have a Domino Administrator create an Activity Trends profile for the Web service on the hosting server. From the Advanced tab of the database properties box, check "Enable Web service profiling."
- D. From the Advanced tab of the database properties box, check "Enable Web service profiling."

Answer: A

QUESTION 49

Joe is creating a web service. What role does UDDI play in a Web service?

- A. UDDI allows listing and discovery of available Web services.
- B. UDDI validates the proper functioning and use of a Web service.
- C. UDDI defines the methods of a specific Web service.
- D. UDDI controls the access levels of a Web service client.

Answer: A

QUESTION 50

Benita has created the OrderStatus web service in the Sales.nsf database. She would now like to test the web service by retrieving the status of order number 12A45. From her web browser's address bar, she types the url of the web service, followed by ?OpenWebService&12A45. The Web service expects the order number to be passed as the only parameter, but the page that opens only displays information about the Web service. What is the problem?

- A. The Web service must be invoked using a Domino URL command in a SOAP-encoded Web services HTTP POST request. Benita supplied an HTTP POST request, but it was not SOAP encoded.
- B. The Web service must be invoked using a Domino URL command in a SOAP-encoded Web services HTTP POST request. Benita should code a Web service client to issue a SOAP-encoded request via HTTP POST.
- C. The Web service must be invoked using a Domino URL command in a SOAP-encoded Web services HTTP GET request. Benita supplied an HTTP GET request, but it was not SOAP encoded.

D. The Web service must be invoked using a Domino URL command in a SOAP-encoded Web services HTTP GET request. Benita should code a Web service client to issue a SOAP-encoded request via HTTP GET.

Answer: B

QUESTION 51

Bill is getting ready to create a web service in Domino. What are the three standard technologies that will be used after this Web service has been built?

- A. HTML, UDDI, XML
- B. Java, LotusScript, HTML
- C. XML, SOAP, WSDL
- D. LotusScript, SOAP, WSDL

Answer: C

QUESTION 52

Avery has the following functions in his Web service:

```
Public Function GetAccountBalance(personname As String) As String  
result=GetAccountDocument(personname)
```

```
If result = "OK" Then
```

```
GetAccountBalance =GetBalanceField("Balance")
```

```
Else
```

```
GetAccountBalance = "ERROR"
```

```
End If
```

```
End Function
```

```
Private Function GetAccountDocument(personname As String) As String
```

```
Set vendordb=New NotesDatabase("", "vendor.nsf")
```

```
Set vendorview = vendordb.GetView("VendorName")
```

```
Set vendordoc = vendorview.GetDocumentByKey(personname, True)
```

```
GetAccountDocument="OK"
```

```
End Function
```

```
Private Function GetBalanceField(FieldName As String)
```

```
Set item=vendordoc.GetFirstItem(FieldName)
```

```
If item Is Nothing Then
```

```
GetBalanceField=""
```

```
Exit Function
```

```
Else
```

```
GetBalanceField=Cstr(item.Values(0))
```

```
End If
```

```
End Function
```

He is trying to call the GetAccountDocument function from his SOAP call, but it does not work. Why is this happening?

- A. The GetAccountDocument function did not receive a String argument.

- B. The "fieldName" parameter in the GetAccountDocument function acts as an inout parameter.
- C. The GetAccountDocument function is defined as Private.
- D. The GetAccountDocument function returned an invalid SOAP string.

Answer: C

QUESTION 53

Cameron has been asked to build a web service to return the temperature of a given city. He has a temp.wsdl file that defines the functions of the web service and the format of the input and output. What is the first step that Cameron should take?

- A. Find an existing LotusScript web service and import it into Domino Designer.
- B. Copy the WSDL file contents to the clipboard, create a new web service, and paste the WSDL file into the "WSDL" section in the web service design element.
- C. Import the WSDL file into a new LotusScript web service design element.
- D. Edit the WSDL file in Domino Designer.

Answer: C

QUESTION 54

Otto has has developed CORBA applications in the past to allow external systems to access Domino data. His manager has now asked him if he can develop some Domino Web services. Otto sees that Web services use SOAP. What are some of the characteristics of SOAP?

- A. SOAP is a protocol for describing the operations of Web Services in a Service Oriented Architecture environment.. It is extensible. SOAP is designed to provide the description of these services over the Internet using HTTP.
- B. A SOAP document is a set of definitions. The SOAP document defines the platform(s), language(s) and protocol(s) that are available for a given Web service.
- C. SOAP is a set format for exchanging messages. The messages use only elements and tags defined by the World Wide Web Consortium specification for SOAP; therefore, developers know that the messages will be understood by the application on both ends of the communication.
- D. SOAP is an extensible format for exchanging messages.SOAP is a protocol for communication between applications. SOAP is designed for communication over the Internet using protocols like HTTP.

Answer: D

QUESTION 55

Alberto sees the following attribute in the WSDL <wsdlsoap:binding> element:
style="document"
Where is that attribute set in the Web service in Domino Designer?

- A. Service port name field in the Web Services property box
- B. SOAP message format option in the Web Service property box
- C. Programming model option in the Web Service property box
- D. Port type name field in the Web Services property box

Answer: B

QUESTION 56

Bill is getting ready to create a web service in Domino. What are the three standard technologies that will be used after this Web service has been built?

- A. LotusScript, SOAP, WSDL
- B. HTML, UDDI, XML
- C. Java, LotusScript, HTML
- D. XML, SOAP, WSDL

Answer: D

QUESTION 57

Donnie wants to write a LotusScript Web service method that returns an array of Strings. Which one of the following Function definitions will do this?

- A. Function getArray() As STRINGARRAY_HOLDER
- B. Function getArray() As String()
- C. Function getArray() List As String
- D. Function getArray() As XSD_STRINGARRAY

Answer: A

QUESTION 58

Ruth wants to build a Domino Web service that returns a complex data type when called by a SOAP request. The data type will be called AccountInformation, and will contain the vendor name and the account balance. How would she define this in the Web service?

- A. Class AccountInformation
Public VendorName As String
Public AccountBalance As Single
End Class
- B. Class AccountInformation
Public VendorName As Array[0]
Public AccountBalance As Array[1]
End Class
- C. Class AccountInformation
Public VendorName[0] As String
Public AccountBalance[1] As Single
End Class

D. Class AccountInformation
Private VendorName As String
Private AccountBalance As Single
End Class

Answer: A

QUESTION 59

In order to call Jeff's Domino Web service, Cerina has coded the following SOAP message:

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/">  
<soapenv:Body>  
<p582:op1 xmlns:p582="http://apiNamespace.com">  
<in>  
<data1>1</data1>  
<data2>2</data2>  
</in>  
</p582:op1>  
</soapenv:Body>  
</soapenv:Envelope>
```

What does the xmlns:soapenv attribute refer to?

- A. SOAP namespace
- B. Web service address
- C. WSDL location
- D. Web service location

Answer: A

QUESTION 60

Josie wrote a LotusScript web service method with the following structure:

```
Public Function lookupPersonInfo (personName As String) As PersonInfo
```

```
  '** do the lookup, return the information in our custom PersonInfo data type
```

```
End Function
```

When this web service method is called by a remote client, how should the method name be formatted in the incoming SOAP message?

- A. LOOKUPPERSONINFO
- B. lookupperpersoninfo
- C. lookupPersonInfo
- D. It doesn't matter, because the method names are not case-sensitive

Answer: A

QUESTION 61

Hasad has created a Domino web service. He has not used any overloaded methods.

Hassad is now specifying the Programming model and SOAP message format for the web service. He needs to ensure that the generated message includes the method name, can be validated with an XML validator, and he must use a scheme that is WS-I compliant. What should Hassad specify for the Programming model and SOAP message format?

- A. Programming model: Message
SOAP message format: Wrapped
- B. Programming model: RPC
SOAP message format: Wrapped
- C. Programming model: RPC
SOAP message format: RPC/encoded
- D. Programming model: Message
SOAP message format: Doc/literal

Answer: B

QUESTION 62

Tim uses the following class as a complex data type in his LotusScript web service:

```
Public Class PersonInfo
Public FirstName As String
Public LastName As String
Public PhoneNumber As String
End Class
```

How will the resulting WSDL file show this complex data type definition?

- A. <complexType name="PERSONINFO">
<sequence>
<element name="FIRSTNAME" type="xsd:string"/>
<element name="LASTNAME" type="xsd:string"/>
<element name="PHONENUMBER" type="xsd:string"/>
</sequence>
</complexType>
- B. <complexType name="PersonInfo">
<sequence base="xsd:string">
<element value="FirstName"/>
<element value="LastName"/>
<element value="PhoneNumber"/>
</sequence>
</complexType>
- C. <complexType name="PersonInfo">
<sequence>
<element name="FirstName" type="xsd:string"/>
<element name="LastName" type="xsd:string"/>
<element name="PhoneNumber" type="xsd:string"/>
</sequence>

```
</complexType>  
D. <complexType name="PERSONINFO">  
  <sequence>  
    <element name="FIRSTNAME" type="STRING HOLDER"/>  
    <element name="LASTNAME" type="STRING HOLDER"/>  
    <element name="PHONENUMBER" type="STRING HOLDER"/>  
  </sequence>  
</complexType>
```

Answer: A

QUESTION 63

What specifies the format of the parameters within the Body element of an incoming SOAP request?

- A. The WSDL file for the web service defines the SOAP message format that should be used.
- B. The client that is being used. Java SOAP clients use a different SOAP message Body format than .NET SOAP clients do, and modern web service providers will accept either format.
- C. The SOAP specification. All SOAP message Bodies are formatted the same way.
- D. The protocol that is being used to pass the SOAP request.

Answer: A

QUESTION 64

Martin sees the following attribute in the WSDL <wsdl:service> element:
name="GetEmployeeNameService"

Where is that attribute set in the Web service in Domino Designer?

- A. Service attribute name field in the Web Services property box
- B. Service type name field in the Web Services property box
- C. Service port name field in the Web Services property box
- D. Service element name field in the Web Services property box

Answer: D

QUESTION 65

Roberto is trying to create a Domino Web service to return an array of 3 String values containing Employee information. As a start, he is hardcoding some values to test his code. But when he examines the generated WSDL, Roberto does not see an array being returned from this Web service. What is the problem?

```
Class GetEmpData  
Function getData() As Variant  
Dim empData(0 To 2) As String  
empData(0) = "This is the Name"
```

```
empData(1) = "Here is the ID"  
empData(2) = "This is the Phone"  
getData = empData  
End Function  
End Class
```

- A. The getData function is returning a Variant. This does not provide enough information for the generated WSDL to interpret the data type. If Roberto declares the empData array in a separate class, then the getData function can return this other class, which will map to a complexType WSDL element.
- B. The empData array should be declared as a Variant, since the getData function is returning a Variant value. Mixing the data types as in the sample code yields unpredictable results when generating the WSDL.
- C. The getData function should be declared to return a String, since the empData array is declared as a String. Mixing the data types as in the sample code yields unpredictable results when generating the WSDL.
- D. The GetEmpData class is declared without the word Public, so it is a private class. The code within the class will return an array if the class is declared using:
Public Class GetEmpData

Answer: A

QUESTION 66

Sofie has created a LotusScript Domino Web service. She can compile successfully, and she can generate WSDL that appears to be correct. But the Web service is not returning the expected values. Sofie is considering adding messagebox statements within the Web service code in an attempt to help debug. Will messagebox statements return any output that she can examine?

- A. Yes. MessageBox statements within a LotusScript Web service will write output to the server log. Sofie can browse the log to see these messages.
- B. No. MessageBox statements only display to UI. Since a Web service executes in the back end, the messagebox statements are ignored and produce no output.
- C. Yes. MessageBox statements within a LotusScript Web service are returned to the Web service consumer as WS_FAULT String values.
- D. No. MessageBox statements are front end calls. A messagebox statement in a back end routine will result in an abend.

Answer: A

QUESTION 67

Brent has set the 'Profile this Web service' option in the Web Services properties box for his Web service. He calls the Web service from a program and now would like to see the profiling results. How would he view that information?

- A. Go to the Agent Profiles view in log.nsf (Notes Log)

- B. Click Design - View Profile Results in Domino Designer
- C. Click View - Web Service Profile in Domino Designer
- D. Go to the Agent Profiles view in events.nsf (Monitoring Configuration)

Answer: B

QUESTION 68

Kathryn needs to provide data from her Domino application to an external vendor. She has been told that she should consider providing the data via a Web service. Which of the following is an accurate description of a Web service?

- A. A Web Service is a data service provided over a network. A requester (the calling system) sends request data to the web service as one or more SOAP (Service Object Access Packet) transmissions. The Web Service returns the requested data (or fault codes in the event of errors) as WSDL (Web Service Data Layer) packets.
- B. A Web Service is a data service provided over the Internet. Requests to the service must be received in the format prescribed by the SOAP description of the service. Data provided by the service must be transmitted using a WSDL XML format over HTTP.
- C. A Web Service is a software component that is described in a machine-processable format. Other systems interact with the Web Service in a manner prescribed by the description. The interaction is via standard network protocols, typically transported using HTTP with an XML serialization.
- D. A Web Service is a software component that provides WSDL (Web Service Data Layer) packets in response to requests from other systems. The requests must be in XML format, sent via an XML HTTP Request object. The response packets are interpreted using SOAP (Service Oriented Architecture Protocol).

Answer: C

QUESTION 69

Certkiller has developed the OrderStatus Web service in the Sales.nsf database. What is one way she can access the WSDL document for this Web service, using her Web browser?

- A. In the address bar of the Web browser, type the database url, followed by /OrderStatus?OpenWSDLDocument
- B. In the address bar of the Web browser, type the database url, followed by /OrderStatus
- C. In the address bar of the Web browser, type the database url, followed by /OrderStatus. On the page that displays, click the "wsdl" link
- D. In the address bar of the Web browser, type the database url, followed by /WebService&OrderStatus?OpenWSDL

Answer: C

QUESTION 70

Cassie has been asked to help her team learn how to develop and deploy Domino Web

services. She is writing descriptions of some of the standards and protocols used in Web services. What are some distinctions among SOAP, XML, and WSDL?

- A. SOAP is an extensible format for exchanging messages between applications. A WSDL document is a set of definitions, describing operations and protocols pertaining to a Web service. XML is a markup language; SOAP and WSDL are encoded using XML.
- B. WSDL is an extensible format for exchanging messages between applications. A SOAP document is a set of definitions, describing operations and protocols pertaining to a Web service. Web services are written using the XML markup language.
- C. SOAP is a format for exchanging 'envelopes' between applications. Messages sent in SOAP envelopes between applications are written in XML. WSDL is a language for interpreting (encoding and decoding) the XML messages in the SOAP envelopes. Domino Web services reference WSDL libraries in order to send/receive Web service data.
- D. XML is eXtensible Markup Language. SOAP is based on XML, and is the foundation for a Web service. WSDL is the data layer of a Web service, and is based on SOAP. The data request and response messages of a Web service are sent in WSDL format.

Answer: A

QUESTION 71

Jose wrote the following LotusScript web service class:

```
Class NumberTest
Function GetOne () As Integer
    GetOne = 1
End Function
Public Function GetTwo () As Integer
    GetTwo = 2
End Function
Private Function GetThree () As Integer
    GetThree = 3
End Function
End Class
```

If "NumberTest" is defined as the PortType class in the Web service design element, which of these methods will be available to remote clients that need to call this Domino Web service?

- A. None of the methods will be available, because the Class was not declared to be Public
- B. GetOne, GetTwo, and GetThree
- C. GetOne and GetTwo
- D. GetTwo only

Answer: C

QUESTION 72

Liz wrote a LotusScript web service method with the following structure:

```
Public Function lookupPersonInfo (personName As String) As PersonInfo
```

```
  '** do the lookup, return the information in our custom PersonInfo data type
```

```
End Function
```

PersonInfo is a complex data type that is used to return various pieces of information in a single object. How does Liz need to define this complex data type in her LotusScript Web service code?

- A. As a separate Public class
- B. As a Private Function called PersonInfo_Type within the class that defines the Web service
- C. As a separate Private class
- D. As a custom LotusScript Type

Answer: A

QUESTION 73

Certkiller has created a web service to return an employees pay rate. How can Certkiller secure this Web service?

- A. Web services always run with the Default security level in the ACL.
- B. Add the username= URL parameter when calling the Web service.
- C. Define the security requirements in the WSDL file.
- D. Set the Access Control List to restrict access to the Domino application.

Answer: D

QUESTION 74

Manju has coded the following two lines in his SOAP request envelope:

```
<stock xsi:type="xsd:string">IBM</stock>
```

```
<currency xsi:type="xsd:string">USD</currency>
```

What type of data is being passed to the Web service with these statements?

- A. Complex data types
- B. Object data types
- C. Simple data types
- D. Defined data types

Answer: C

QUESTION 75

Emilio has coded a function called ConnectToProvider in the GetAccountBalance class in the Declaration section of her Web service. What WSDL element will map to this function name?

- A. wsdl:service
- B. wsdl:binding
- C. wsdl:operation
- D. wsdl:portType

Answer: C

QUESTION 76

Sofie has created a LotusScript Domino Web service. She can compile successfully, and she can generate WSDL that appears to be correct. But the Web service is not returning the expected values. Sofie is considering adding messagebox statements within the Web service code in an attempt to help debug. Will messagebox statements return any output that she can examine?

- A. Yes. MessageBox statements within a LotusScript Web service will write output to the server log. Sofie can browse the log to see these messages.
- B. No. MessageBox statements are front end calls. A messagebox statement in a back end routine will result in an abend.
- C. Yes. MessageBox statements within a LotusScript Web service are returned to the Web service consumer as WS_FAULT String values.
- D. No. MessageBox statements only display to UI. Since a Web service executes in the back end, the messagebox statements are ignored and produce no output.

Answer: A

QUESTION 77

In a Domino web service defined with a SOAP message format of Document/literal, where are the complex data types (if any) defined in the WSDL file?

- A. <wsdl:part>
- B. <wsdl:message>
- C. <wsdl:input>
- D. <wsdl:types>

Answer: D

QUESTION 78

Gill has written the following LotusScript Web service class:

```
Class GetNum
Private i As Integer
Public Sub New(i As Integer)
Me.i = i
End Sub
Public Function getInt() As Integer
getInt = i
End Function
```


End Class

He has set the PortType class properly, but he keeps getting an error when he tries to save the Web service. Why is he getting the error?

- A. Because LotusScript Web services aren't allowed to have a "New" sub with parameters
- B. Because LotusScript Web services aren't allowed to have a "New" sub
- C. Because the "Me" statement is not valid within Web service code
- D. Because the Class was not defined to be "Public"

Answer: A

QUESTION 79

Certkiller has written a Domino Web service that accepts an employee name as input, and returns Employee information associated with the name. Here is an excerpt from the WSDL associated with the Web service:

```
<wsdl:portType name="EmployeeInfo">
<wsdl:operation name="GETEMPID" parameterOrder="FULLNAME">
<wsdl:input message="impl:GETEMPIDRequest" name="GETEMPIDRequest"/>
<wsdl:output message="impl:GETEMPIDResponse" name="GETEMPIDResponse"/>
<wsdl:fault message="impl:NAMELOOKUPFAULT"
name="NAMELOOKUPFAULT"/>
</wsdl:operation>
```

Which of the LotusScript function signatures below would have resulted in the WSDL shown above?

- A. Function getEmpID(FullName As String, NameLookupFault As String) As EmployeeInfo
- B. Function getEmpID(FullName As String, NameNotFoundFault As NameLookupFault) As String
- C. Function getEmpID(FullName As String, NameLookupFault As WS_FAULT) As String
- D. Function getEmpID(FullName As String, NameLookupFault As WS_FAULT) As EmployeeInfo

Answer: B

QUESTION 80

Eloise has created a Domino Web service to provide on-hand inventory data to her company's suppliers. She would like to check the performance of the Web service. What step(s) must Eloise follow to enable profiling of her Web service?

- A. Have a Domino Administrator create a Web Service profile for the web service on the hosting server. From the Security tab of the Web service properties box, check "Profile this Web service."
- B. From the Advanced tab of the database properties box, check "Enable Web service

profiling."

C. Have a Domino Administrator create an Activity Trends profile for the Web service on the hosting server. From the Advanced tab of the database properties box, check "Enable Web service profiling."

D. From the Security tab of the Web service properties box, check "Profile this Web service."

Answer: D

QUESTION 81

The public functions that implement the operations of the OrderInventory Domino Web service used to be contained within the OrderInventory public class. This was the only class in the Web service. Farah has reorganized the code to place the functions into a new class, and now the consumer applications are not working. What could Farah have done to avoid this problem?

A. Ensure that the PortType class is set to the name of the new class when she saves the modified Web service.

B. Select 'Warn if the WSDL interface is modified' on the Basics tab of the Web service and save the Web service before beginning any modifications.

C. Select 'Automatically refresh WSDL document' on the Advanced tab of the Web service and save the Web service before beginning any modifications.

D. Farah must have written the new class as a private class. If new classes are all created as public classes and the function names remain the same, then the consumer applications should continue to work.

Answer: B

QUESTION 82

Frances has a web services client that generates the following SOAP message when calling a Domino web service that has been written in LotusScript:

```
<?xml version='1.0' encoding='UTF-8'?>
<SOAP-ENV:Envelope
xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema">
<SOAP-ENV:Body>
<ns1:GETPERSONINFO xmlns:ns1="urn:DefaultNamespace"
SOAP-ENV:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/">
<PNAME xsi:type="ns1:PERSONNAME">
<FIRSTNAME xsi:type="xsd:string">Billy Bob</FIRSTNAME>
<LASTNAME xsi:type="xsd:string">Brubaker</LASTNAME>
</PNAME>
</ns1:GETPERSONINFO>
</SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

Based on the structure of this message, which of the following represents the possible signature of the LotusScript function that implements the "GetPersonInfo" method?

- A. Function GetPersonInfo (firstName As String, lastName As String) As PersonName
- B. Function GetPersonInfo (pname As PersonName, firstName As String, lastName As String) As PersonInfo
- C. Function GetPersonInfo (pname As PersonName) As PersonInfo
- D. Function GetPersonInfo (pinfo As PersonInfo) As PersonName

Answer: C

QUESTION 83

Brent has set the 'Profile this Web service' option in the Web Services properties box for his Web service. He calls the Web service from a program and now would like to see the profiling results. How would he view that information?

- A. Go to the Agent Profiles view in events.nsf (Monitoring Configuration)
- B. Go to the Agent Profiles view in log.nsf (Notes Log)
- C. Click Design - View Profile Results in Domino Designer
- D. Click View - Web Service Profile in Domino Designer

Answer: C

QUESTION 84

Avery has the following functions in his Web service:

Public Function GetAccountBalance(personname As String) As String

result=GetAccountDocument(personname)

If result = "OK" Then

GetAccountBalance =GetBalanceField("Balance")

Else

GetAccountBalance = "ERROR"

End If

End Function

Private Function GetAccountDocument(personname As String) As String

Set vendordb=New NotesDatabase("", "vendor.nsf")

Set vendorview = vendordb.GetView("VendorName")

Set vendordoc = vendorview.GetDocumentByKey(personname, True)

GetAccountDocument="OK"

End Function

Private Function GetBalanceField(FieldName As String)

Set item=vendordoc.GetFirstItem(FieldName)

If item Is Nothing Then

GetBalanceField=""

Exit Function

Else

GetBalanceField=Cstr(item.Values(0))

End If

End Function

He is trying to call the GetAccountDocument function from his SOAP call, but it does not work. Why is this happening?

- A. The GetAccountDocument function did not receive a String argument.
- B. The GetAccountDocument function is defined as Private.
- C. The "fieldName" parameter in the GetAccountDocument function acts as an inout parameter.
- D. The GetAccountDocument function returned an invalid SOAP string. alid SOAP string.

Answer: B

QUESTION 85

A WSDL file defines the following Enumeration:

```
<xsd:simpleType name="vegetableType">
<xsd:restriction base="xsd:string">
<xsd:enumeration value="Carrot"/>
<xsd:enumeration value="Lettuce"/>
<xsd:enumeration value="Ketchup"/>
</xsd:restriction>
</xsd:simpleType>
```

What do we know about the "vegetableType" enumeration, based on this definition?

- A. The default value of a "vegetableType" object is "Carrot"
- B. A web service method that returns a "vegetableType" object will always be an array with 3 elements: "Carrot", "Lettuce", and "Ketchup"
- C. A "vegetableType" object always contains 3 strings. By default, these will be: "Carrot", "Lettuce", and "Ketchup"
- D. A method parameter of type "vegetableType" must always be one of the following strings: "Carrot", "Lettuce", or "Ketchup"

Answer: D

QUESTION 86

The Envelope element of an XML SOAP request contains what other elements?

- A. Just the Body
- B. Both the Header and the Body
- C. Just the Header
- D. No elements are contained within the Envelope. It only serves to define the namespaces.

Answer: B

QUESTION 87

Josie wrote a LotusScript web service method with the following structure:

```
Public Function lookupPersonInfo (personName As String) As PersonInfo
  '** do the lookup, return the information in our custom PersonInfo data type
End Function
```

When this web service method is called by a remote client, how should the method name be formatted in the incoming SOAP message?

- A. LOOKUPPERSONINFO
- B. It doesn't matter, because the method names are not case-sensitive
- C. lookuppersoninfo
- D. lookupPersonInfo

Answer: A

QUESTION 88

Enabling the "Profile this web service" option in a web service does what?

- A. Writes information to the server console each time the web service is accessed
- B. Writes information to a NotesLog each time the web service is accessed
- C. Creates a hidden document when the web service runs, containing information about how long it took for various methods and operations to complete
- D. Compiles the web service with debugging information

Answer: C

QUESTION 89

What are the elements that are incorporated within a WSDL file?

- A. Service, Status, Port Type, Operations, Security
- B. Service, Types, Message, Port Type, Operation, Binding, Port
- C. Service, Encoding, Version, Methods, Operation
- D. Service, Ports, SOAP Type, Encoding, Methods

Answer: B

QUESTION 90

Patrick has written the following code in the (Declarations) section of his LotusScript web service:

```
Const MSG_SUCCESS = "Success"
Const MSG_ERROR = "Error"
Class NumberTest
  '** various methods within this class...
End Class
```

How do the MSG_SUCCESS and MSG_ERROR constants appear in the WSDL file that is generated?

- A. As separate <wsdl:message> elements
- B. In the <wsdl:types> section, as Enumerations with a single element
- C. In the <wsdl:types> section, in the "Constants" Enumeration
- D. They don't appear

Answer: D