Vendor: Oracle

Exam Code: 1Z0-862

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Version: Demo

QUESTION NO: 1

Which two statements are true about XML schemas and WSDL 1.1? (Choose two.)

A. http://schemas.xmlsoap.org/wsdl/ is the WSDL namespace for SOAP binding.
B. xsi is used as a prefix to represent the schema namespace as defined by XSD
C. XSD schemas are used as a formal definition of WSDL grammar.
D. xsd is used as a prefix to represent the schema namespace as defined by XSD
E. http://schemas.xmlsoap.org/wsdl/http/ is the WSDL namespace for SOAP binding.

Answer: C,D

QUESTION NO: 2

A company's new investment management Java application and a legacy stock trader

application need to communicate, but they use different JMS implementations. A

developer decides to implement a JMS bridge to solve the problem.Which two

advantages does this pattern provide? (Choose two.)

A. It converts the interface of a class into another interface that clients expect.
B. It decouples an abstraction from its implementation so that the two can vary independently.
C. It dynamically attaches additional responsibilities to an object.
D. It optimizes network traffic.
E. It is vendor independent.

Answer: B,E

QUESTION NO: 3

Which situation requires the client to use the Dispatch interface to access the Web

service?

A. The client and the server are on different platforms.
B. The client has access to the portable artifacts, but not to the WSDL.
C. The client has access to the WSDL, but not to the portable artifacts.
D. The client will access a REST-based service.

Answer: D

QUESTION NO: 4

What are two features of a WSDL 1.1 document? (Choose two.)

A. Service defines a collection of related endpoints.
B. Service describes the message's payload using XML.
C. Service assigns an Internet address to a specific binding.
D. Porttype declares complex data types and elements used elsewhere.
E. Porttype elements are used to group a set of abstract operations.
F. Porttype defines a concrete protocol and data format specification.

Answer: A,E

QUESTION NO: 5

Which three can an EJB-based endpoint use? (Choose three.)

A. HTTP sessions
B. Java EE 5 declarative security
C. Java EE 5 programmatic security
D. client-demarcated transactions
E. container-managed transactions

Answer: B,C,E

QUESTION NO: 6

What are two communication modes supported by JAX-WS? (Choose two.)

A. Synchronous RPC
B. Dynamic Service Binding
C. Dynamic Proxy
D. Endpoint Invocation
E. Dispatch

Answer: C,E

QUESTION NO: 7

A company is refactoring an existing website to use Web services clients. The application

retrieves lists of parts and displays them to the users in a browser window. Previously,

the data was stored as files on the web server and, in order to access the files, the user

would simply click on a hyperlink. Now the data must be dynamically generated via a

service that another developer has created. They want the easiest way to refactor their

website to use Web services.Which three technologies should they use? (Choose three.)

A. SOAP
B. REST
C. Javascript
D. XML
E. JSON
F. Java

Answer: B,C,E

QUESTION NO: 8

A JAXR client has established connection with a UDDI registry and needs to get a

service binding from the registry.What is required to accomplish this task?

A. find the appropriate concept and then find the service binding associated with that concept
B. find the appropriate authentication token and then find the service binding associated with that authentication token
C. find the appropriate organization, get the tModel associated with that organization, and then find the service binding associated with the tModel
D. find the appropriate organization, find the services associated with that organization, and then find the service binding associated with the service

Answer: D

QUESTION NO: 9

What are three benefits of using SSL to connect to a Web service without mutual

authentication?(Choose three.)

A. The server is assured of the client's identity if the client issues the certificate.
B. The client is assured of the server's identity.
C. Message integrity is preserved between the client and the server.
D. The communication between the client and the server is still logged.
E. The communication between the client and the server is encrypted.
F. Using SSL over HTTP incurs less overhead than HTTPS.

Answer: B,C,E

QUESTION NO: 10

A developer is creating a servlet-based endpoint for a new payroll application.What are

three requirements for the service? (Choose three.)

A. It needs to be packaged as a WAR file.
B. It needs to be packaged as a JAR file.
C. It requires a META-INF folder.
D. It requires a WEB-INF folder.
E. webservices.xml is required.
F. web.xml is required.

Answer: A,D,F

QUESTION NO: 11

A developer is creating an XML schema that is Basic Profile compliant, and has elements

that require long integer values.

Given the code:

<Schema targetNamespace="http://sun.cert/types"

xmlns:ns0="http://www.w3.org/2001/XMLSchema"

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

xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">

<complexType name="Foo">

<sequence>

<!-- insert code here -->

</sequence>

</complexType>

</schema>

Assuming that no other namespace declarations exist, which two elements use the long

type that is defined in the http://www.w3.org/2001/XMLSchema namespace? (Choose

two.)

A. <element name="length" type="long"/>
B. <element name="length type="xsi:long"/>
C. <element name="length" type="xsd:long"/>
D. <element name="length" type="ns0:long"/>
E. <element name="length" type="integer"/>
F. <element name="length" type="xsd:integer"/>

Answer: A,D

QUESTION NO: 12

A developer needs to define an array of long integers in their Basic Profile compliant

Web service and is given the following code fragment for analysis:

<Schema targetNamespace="http://sun.cert/types"

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

xmlns:soapenc="http://schemas.xmlsoap.org/soap/encoding/"

xmlns:wsdl="http://schemas/xmlsoap.org/wsdl">

<!-- insert code here -->

</schema>

Assume all XML fragments are well-formed.According to the WS-I Basic Profile 1.1,

which type definition can be used to define an array of longs?

A. <xsd:complexType name="longArray">
<xsd:array>
<xsd:element name="item" type="xsd:long"/>
</xsd:array>
</xsd:complexType>
B. <xsd:complexType name="longArray">
<xsd:sequence>
<element name="item" type="xsd:long"/>
</xsd:sequence>
</xsd:complexType>
C. <xsd:complexType name="longArray">
<xsd:array>
<xsd:element name="item" type="xsd:long" minOccurs="0" maxOccurs="unbounded"/>
</xsd:array>

</xsd:complexType>
D. <xsd:complexType name="longArray">
<xsd:sequence>
<xsd:element name="item" minOccurs="0" maxOccurs="5" type="xsd:long"/>
</xsd:sequence>
</xsd:complexType>
E. <xsd:complexType name="longArray">
<xsd:sequence>
<xsd:element name="item" minOccurs="0" maxOccurs="5" type="xsd:integer"/>
</xsd:sequence>
</xsd:complexType>

Answer: D

QUESTION NO: 13

A developer is creating an XML schema using the xsd:all operator.Given the code:

<types>

<schema targetNamespace="http://sun.cert/types" xmlns:tns="http://sun.cert/types"

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

<xsd:complexType name="Person">

<xsd:all>

<!-- insert code here -->

</xsd:all>

</xsd:complexType>

</schema>

</types>

Which two element definitions, when inserted into the given schema fragment, result in a

correct schema type definition? (Choose two.)

A. <xsd:element name="first" type="xsd:string"/>
B. <xsd:element name="items" type="xsd:long" maxOccurs="5"/>
C. <xsd:element name="last" type="xsd:string" minOccurs="1" maxOccurs="1"/>
D. <xsd:element name="first" type="xsd:string" minOccurs="0" maxOccurs="5"/>
E. <xsd:element name="last" type="xsd:string" minOccurs="1" maxOccurs="5"/>
F. <xsd:element name="ssn" type="xsd:string" minOccurs="1"
maxOccurs="unlimited"/>

Answer: A,C

QUESTION NO: 14

A developer must create a new stock monitoring application using SOAP.

Given the code:

```
<s:Envelope xmlns:s="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:ns1="http://sun.cert/">
<s:Header>
<ns1:transaction>

<user>root</user>
<transid>9b3e64e326537b4e8c0ff19e953f9673</transid>
</ns1:transaction>
</s:Header>
<s:Body>
<m:StockQuote xmlns:m="http://sun.cert/bar/">
<Quote>
<ns1:symbol>SUNW</ns1:symbol>
<ns1:companyname name="Sun"/>
</Quote>
</s:Body>
</s:Envelope>
```

Which statement is true about this SOAP message?

A. It is NOT well-formed.
B. It contains a mandatory header block.
C. It is WS-I Basic Profile 1.1 compliant.
D. It does NOT contain the correct namespace declarations.
E. The transid should be blowfish encrypted.
F. http://sun.cert/bar/ is not a valid stock quote service.

Answer: A

QUESTION NO: 15

A team of developers is describing a set of endpoints in their new SOA application.

Given the WSDL extract:

<service name="InventoryServices">

<port name="PurchaseOrder" binding="tns:POBinding">

<soap:address location="http://192.168.0.2:8080/inventory"/>

</port>

<port name="Invoice" binding="tns:InvoiceBinding">

<soap:address location="http://192.168.0.2:8080/inventory"/>

</port>

</service>

Which statement is true about this WSDL extract?

A. The extract is WS-I Basic Profile 1.1 compliant because both port element names are different.
B. The extract is NOT WS-I Basic Profile 1.1 compliant because both port elements point to the same location.
C. The extract is WS-I Basic Profile 1.1 compliant because both port elements point to different binding elements.
D. The extract is NOT WS-I Basic Profile 1.1 compliant because it contains two port elements in the same service.
E. The extract is WS-I Basic Profile 1.1 conformant because both port element names are different.
F. The extract is WS-I Basic Profile 1.1 conformant because the port, binding, and service element combinations are unique.

Answer: B

QUESTION NO: 16

Which two statements are true about XML schemas that conform to WS-I Basic Profile

1.1? (Choose two.)

A. A description may use any construct from XML Schema.
B. A description may use any construct of XML Schema, except for arrays.
C. A description must use XML Schema recommendations as the basis of userdefined datatypes and structures.
D. A description may use any construct of XML Schema, except for defining userdefined datatypes and structures.
E. RESTful XML schemas may also draw from the XML-Rest Schema.

Answer: A,C

QUESTION NO: 17

A developer is defining a SOAP binding in the WSDL for their new service.Which XML

fragment is WSDL 1.1 compliant?

A. <soap:binding transport=Http://www.w3.org/2001/XMLSchema?style="document"/>
B. <soap:binding transport=Http://schemas.xmlsoap.org/wsdl/soap/?style="document"/>
C. <soap:binding transport=Http://schemas.xmlsoap.org/soap/http?style="document"/>
D. <soap:binding transport=Http://schemas.xmlsoap.org/soap?style="rpc"/>

Answer: C

QUESTION NO: 18

Which fragment is Basic Profile 1.1 compliant?

A. <port name="testWS"> <operation name="runit">
<input message="tns:runit"/>
<output message="tns:runitResponse"/>
</operation>
</port>
<binding name="testWSPortBinding" type="tns:testWS">
...
<operation name="runit">
<soap:operation soapAction="tns:runit"/>
<input>
<soap:body use="literal"/>
</input>
<output>
<soap:body use="literal"/>
</output>
</operation>
</binding>

B. <portType name="testWS">
<operation name="runit">
<input message="tns:runit"/>
<output message="tns:runitResponse"/>
</operation>
<operation name="saveit">
<input message="tns:saveit"/>
<output message="tns:saveitResponse"/>
</operation>
</portType>
<binding name="testWSPortBinding" type="tns:testWS">
...
<operation name="runit">
<soap:operation soapAction="tns:runit"/>
<input>
<soap:body use="literal"/>
</input>
<output>
<soap:body use="literal"/>
</output>
</operation>
</binding>
C. <port name="testWS">
<operation name="runit">
<input message="tns:runit"/>
<output message="tns:runitResponse"/>
</operation>
</port>
<binding name="testWSPortBinding" type="tns:testWS">
...
<operation name="runit">
<soap:operation soapAction="runit"/>
<input>
<soap:body use="literal"/>
</input>
<output>
<soap:body use="literal"/>
</output>
</operation>
</binding>
D. <portType name="testWS">
<operation name="runit">
<input message="tns:runit"/>
<output message="tns:runitResponse"/>
</operation>
</portType>
<binding name="testWSPortBinding" type="tns:testWS">

...
<operation name="runit">
<soap:operation soapAction="runit"/>
<input>
<soap:body use="literal"/>
</input>
<output>
<soap:body use="literal"/>
</output>
</operation>
</binding>

Answer: D

QUESTION NO: 19

For a company's new software, the developers are constructing abstract definitions of the

data being communicated by their document style Web service.

Given the targetNamespace:

xmlns:xsda="http://sun.com/sample.xsd"

Which is a valid wsdl:message containing a wsdl:part?

A. <message name="GetInput">
<part name="body" attribute="tns:InputRequest"/>
</message>
B. <message name="GetInput">
<part name="body" element="tns:InputRequest"/>
</message>
C. <message name="GetInput">
<part name="body" attribute="xsda:InputRequest"/>
</message>
D. <message name="GetInput">
<part name="body" element="xsda:InputRequest"/>
</message>
E. <message name="GetInput">
<part name="body" element="xsd:string"/>
</message>
F. <message name="GetInput">
<part name="body" element="InputRequest"/>
</message>

Answer: D

QUESTION NO: 20

According to the XML-to-Java mappings used by JAX-WS, which three elements

or attribute declarations are mapped to a Java primitive wrapper class (for example,

java.lang.Short)? (Choose three.)

A. <xsd:element name="age" type="xsd:short" minOccurs="0"/>
B. <xsd:element name="age" type="xsd:short" nillable="true"/>
C. <xsd:element name="age" type="xsd:short" nillable="false"/>
D. <xsd:attribute name="required" type="xsd:boolean" use="optional"/>
E. <xsd:attribute name="required" type="xsd:boolean" use="required"/>
F. <xsd:attribute name="required" type="xsd:boolean" nillable= false/>

Answer: A,B,D

QUESTION NO: 21

Which two statements are true about the role of XML schemas in Web services? (Choose

two.)

A. DTDs provide stricter data typing than XML schemas.
B. XML schemas can be used to validate the organization of XML documents.
C. XML schemas contain a vocabulary, content model and data types.
D. DTDs are easier to map to Java than XML schemas, and so remain more popular.
E. The W3C recommends that XML schemas be referred to as XSD.
F. The W3C has designated that XML schemas be referred to as WXS.

Answer: B,C

QUESTION NO: 22

Which two statements are true about the WSDL 1.1 part element? (Choose two.)

A. Global schema complexTypes must be referenced by the type attribute.
B. Global schema complexTypes must be referenced by the complexType attribute.
C. Global schema elements must be referenced by the type attribute.
D. Global schema simple types must be referenced by the element attribute.
E. Global schema elements must be referenced by the element attribute.

Answer: A,E

QUESTION NO: 23

Which EAR file can a Java EE 5 compatible application server refuse to accept for

deployment?

A. no application.xml one EJB module with Java EE 5 version of ejb-jar.xml one EJB module with Java EE 1.4 version of ejb-jar.xml one web module with Java EE 1.4 version of ejb-jar.xml
B. Java EE 5 version of application.xml one EJB module with Java EE 5 version of ejbjar.xml one EJB module with Java EE 1.4 version of ejb-jar.xml one web module with Java EE 1.4 version of web.xml
C. J2EE 1.3 version of application.xml one EJB module with Java EE 5 version of ejbjar.xml one EJB module with Java EE 1.4 version of ejb-jar.xml one web module with Java EE 1.4 version of ejb-jar.xml
D. J2EE 1.4 version of application.xml one EJB module with Java EE 5 version of ejbjar.xml one EJB module with Java EE 1.3 version of ejb-jar.xml one web module with Java EE 1.3 version of ejb-jar.xml

Answer: A

QUESTION NO: 24

Which two statements are true about XSD under WSDL 1.1? (Choose two.)

A. The element form must be used.
B. The attribute form must be used.
C. The XSD type system can be used to define type even if the actual format is not XML.
D. xsd:abstractType must be used for generic type descriptions.
E. xsd:anyType must be used for generic type descriptions.
F. xsd:object must be used for generic type descriptions.

Answer: C,E

QUESTION NO: 25

A developer must describe a message that contains multiple parts using non-primitive

data types. Which two code fragments produce equivalent composite message structure

definitions? (Choose two.)

A. <types>
<schema .... >
<complexType name="FOO" type="tns:FOOType"/>
<element name="FOOType">
...

</element >
<complexType name="BAR" type="tns:BARType"/>
<element name="BARType">
...
</element >
</schema>
</types>
<message name="FOO">
<part name="FOO" complexType="tns:FOO"/>
<part name="BAR" complexType="tns:BAR"/>
</message>
B. <types>
<schema .... >
<element name="FOO" type="tns:FOOType"/>
<complexType name="FOOType">
...
</complexType>
<element name="BAR" type="tns:BARType"/>
<complexType name="BARType">
...
</complexType>
</schema>
</types>
<message name="FOO">
<part name="FOO" element="tns:FOO"/>
<part name="BAR" element="tns:BAR"/>
</message>
C. <types>
<schema .... >
...
<complexType name="Composite">
<choice>
<element name="FOO" minOccurs="1" maxOccurs="1" type="tns:FOOType"/>
<element name="BAR" minOccurs="0" maxOccurs="unbounded"
type="tns:BARType"/>
</choice>
</complexType>
</schema>
</types>
<message name="FOO">
<part name="composite" type="Composite"/>
</message>
D. <types>
<schema .... >
...
<complexType name="Composite">
<choice>

<element name="FOO" minOccurs="1" maxOccurs="1" type="tns:FOOType"/>
<element name="BAR" minOccurs="0" maxOccurs="unbounded"
type="tns:BARType"/>
</choice>
</complexType>
</schema>
</types>
<message name="FOO">
<part name="composite" type="tns:Composite"/>
</message>

Answer: B,D

QUESTION NO: 26

Which two statements are true about the ports in a Web service in WSDL 1.1? (Choose

two.)

A. None of the ports communicate with each other.
B. The output of one port can be the input of another.
C. Several ports can share a port type.
D. Ports and port types are interchangeable.
E. There can be only one port of a particular port type.

Answer: A,C

QUESTION NO: 27

Which three are standard defined MIME binding types according to WSDL 1.1? (Choose

three.)

A. mime encoded
B. multipart/related
C. soap related
D. text/xml
E. uddi encoded
F. application/x-www-form-urlencoded

Answer: B,D,F

QUESTION NO: 28

The WSIT project implements a number of WS-* specifications to aid developers in

creating secure and interoperable services.What are two parts of the WS-specifications?

(Choose two.)

A. WS-ReliableMessaging
B. WS-Bootstrapping
C. WS-Eventing
D. WS-Policy
E. WS-WSITrust

Answer: A,D

QUESTION NO: 29

A developer is analyzing an existing Web service with performance problems. The

analysis reveals the service employs SOAP over HTTP. When the size of the encoded

binary files grew with changing business requirements, the service slowed.What are two

effective solutions for this problem? (Choose two.)

A. Separating the XML and binary content with WS-Filtering implemented in WSIT will improve efficiency.
B. XML documents larger than 1 KB with binary encoding should be optimized.
C. WS-Addressing can ease congestion by routing messages over other protocols.
D. For existing services, the most effective solution is to increase the available bandwidth.
E. MTOM can reduce both processing and bandwidth required by SOAP with attachments.

Answer: B,E

QUESTION NO: 30

Given:

1. try { // Call Web service Operation

2. org.me.calculator.client.CalculatorWS port =

3. service.getCalculatorWSPort();

4. // TODO initialize WS operation arguments here

5. int i = 3;

6. int j = 4;

7. // TODO process result here

8. int result = port.add(i, j);

9. out.println("<p>Result: " + result);

10.

11. } catch (Exception ex) {

12. out.println("<p>Exception: " + ex);

13. }

Assume Reliable Messaging is used and the code is correct except for what is missing at

line 10.Which code fragment must be placed at line 10?

A. Close the port object with ((Closeable)port).close(); after testing result is positive.
B. Close the port with port.close();
C. Closing the port object is optional, but port.close(); will work.
D. Close the port object with ((Closeable)port).close();

Answer: D

QUESTION NO: 31

Which two statements are true about WSIT client development and using the WSIT

configuration file?(Choose two.)

A. Client configuration files do NOT contain information security features, such as authentication.
B. The file contains the URL for the WSDL.
C. To maintain interoperability, the configuration file must not name packages.
D. A WSIT client uses the file as a WSDL proxy is available from any WSIT compliant service.
E. The wsimport tool uses the file to access the WSDL and build stubs to access a service.

Answer: B,E

QUESTION NO: 32

Which two statements are true about Java clients that use a security token service (STS)

supported by the security features of WSIT? (Choose two.)

A. The client only requires a keystore.
B. STS requires a default user name configuration.
C. Using an STS-issued token requires a keystore and a truststore.
D. HTTPS must be configured.
E. An authorized client receives a token digitally signed by the STS.

Answer: C,E

QUESTION NO: 33

Which two code fragments are valid XML schema anonymous complex type definitions?

(Choose two.)

A. <xsd:sequence name="foo">
<xsd:complexType>
<xsd:element name="bar1"/>
<xsd:element name="bar2"/>
</xsd:complexType>
</xsd:sequence>
B. <xsd:complexType name="foo">
<xsd:sequence>
<xsd:element name="bar1"/>
<xsd:element name="bar2"/>
</xsd:sequence>
</xsd:complexType>
C. <xsd:element name="foo">
<xsd:complexType>
<xsd:sequence>
<xsd:element name="bar1"/>
<xsd:element name="bar2"/>
</xsd:sequence>
</xsd:complexType>
</xsd:element>
D. <xsd:element name="foo">
<xsd:sequence>
<xsd:complexType>
<xsd:element name="bar1"/>
<xsd:element name="bar2"/>
</xsd:complexType>
</xsd:sequence>
</xsd:element>

Answer: B,C

QUESTION NO: 34

Which Java type can be used to represent arbitrary XML data in a JAX-WS service

endpoint interface?

A. javax.xml.soap.SOAPNode
B. javax.xml.soap.SOAPPart
C. javax.xml.soap.SOAPElement
D. javax.xml.soap.SOAPException
E. javax.xml.soap.SOAPMessage
F. javax.xml.soap.Node

Answer: C

QUESTION NO: 35

A document-style service defines a document passed to the Web service using

xsd:anyType in the WSDL file that describes the service. How should the document be

typed in Java?

A. use javax.xml.soap.Element
B. use javax.xml.soap.Node
C. use javax.xml.soap.SOAPHeader
D. use javax.xml.soap.SOAPElement
E. use javax.xml.soap.SOAPFault
F. use javax.xml.soap.SOAPBodyElement

Answer: D

QUESTION NO: 36

A developer is creating a SOAP logger that retrieves and catalogs the contents of header

elements containing transaction information.Given the SOAP header element containing

the transaction data:

<t:Transaction SOAP-ENV:mustUnderstand="1"

xmlns:t="http://sun.com/orders">64eDXVNR9834</t:Transaction>

Which two code fragments retrieve this element from the headers included in the SOAP

message without removing it? (Choose two.)

A. examineHeaderElements("t:Transaction")
B. extractHeaderElements("http://sun.com/orders")
C. examineHeaderElements("http://sun.com/orders")
D. extractHeaderElements(SOAPConstants.URI_SOAP_ACTOR_NEXT)
E. extractMustUnderstandHeaderElements("http://sun.com/orders")
F. examineMustUnderstandHeaderElements("http://sun.com/orders")

Answer: C,F

QUESTION NO: 37

Given:

1. public boolean handleRequest(MessageContext context){

2. try{

3. SOAPMessageContext soapCntxt = (SOAPMessageContext)context;

4. SOAPMessage message = soapCntxt.getMessage();

5. message.writeTo(logStream);

6. }catch(javax.xml.soap.SOAPException se){

7. throw new javax.xml.ws.WebServiceException (se);

8. }

9. }

The handlRequest method (lines 1-9) is implemented by a JAX-WS handler. The

logStream is a reference to some type of java.io.OutputStream.Which two statements are

true? (Choose two.)

A. If the handler is associated with a JAX-WS generated stub, it will write outgoing SOAP messages to the logStream object.
B. If the handler is associated with a JAX-WS generated stub, it will write incoming SOAP messages to the logStream object.
C. If the handler is associated with a JAX-WS service endpoint, it will write outgoing SOAP messages to the logStream object.
D. If the handler is associated with a JAX-WS service endpoint, it will write incoming SOAP messages to the logStream object.

E. It will write all incoming and outgoing SOAP messages to the logStream object.
F. logStreams are NOT Web service friendly.

Answer: A,D

QUESTION NO: 38

Given:

1. public boolean handleRequest(MessageContext context){

2. try{

3. SOAPMessageContext soapCntxt = (SOAPMessageContext)context;

4. SOAPMessage message = soapCntxt.getMessage();

5. message.writeTo(logStream);

6. }catch(javax.xml.soap.SOAPException se){

7. throw new javax.xml.ws.WebServiceException (se);

8. }

9. }

The handleRequest method (lines 1-9) is implemented by a JAX-WS handler used for

logging. The method encounters an error and throws a WebServiceException.Which

statement is true?

A. If the method is implemented by a client-side handler, it will cause a SOAP fault to be generated.
B. If the method is implemented by a server-side handler, it will cause a SOAP fault to be generated.
C. If the method is implemented by a client-side handler, the message will continue to be processed by the handler chain.
D. If the method is implemented by a server-side handler, the message will continue to be processed by the handler chain.
E. SOAP Faults must be manually added.

Answer: B

QUESTION NO: 39

Given:

<message name="sayFOO">

<part name="parameters" element="tns:sayFOO"/>

</message>

<message name="sayFOOResponse">

<part name="parameters" element="tns:sayFOOResponse"/>

</message>

<message name="UDException">

<part name="fault" element="tns:UDException"/>

</message>

<portType name="UserDefinedExceptionWS">

<operation name="sayFOO">

<input message="tns:sayFOO"/>

<output message="tns:sayFOOResponse"/>

<fault name="UDException" message="tns:UDException"/>

</operation>

</portType>

Which endpoint method declaration is generated by this service?

A. public String sayFOO(String name){
B. public String sayFOO(String name) throws SOAPFaultException{
C. public String sayFOO(String name) throws RemoteException, UDException{
D. public String sayFOO(String name) throws UDException{

Answer: D

QUESTION NO: 40

A client sends a required SOAP header as a SOAP message. The server-side process

determines that information in the header is invalid and generates a SOAP fault. What is

the appropriate fault code for this type of SOAP fault?

A. Client
B. Server

C. MustUnderstand
D. VersionMismatch
E. HeaderError
F. InvalidHeader

Answer: A

QUESTION NO: 41

What is an accurate description of the handling of application exceptions thrown by a

JAX-WS service endpoint?

A. Application exceptions can be mapped to faults in WSDL.
B. Application exceptions are NOT handled by JAX-WS clients.
C. Application exceptions are always propagated to JAX-WS clients as RemoteExceptions.
D. Application exceptions are always propagated to JAX-WS clients as WebServiceExceptions.
E. Application exceptions are always propagated to JAX-WS clients as SOAPFaultExceptions.

Answer: A

QUESTION NO: 42

A company uses Web services to exchange mortgage and credit data as well as digital

versions of associated documents. The data is confidential and it is common for the

service and client to exchange applications, credit results, reports and more in a

request/response format. Recently, the company has become concerned about the

substantial cost of processing and message encryption with a PKI approach. What can be

done to cut costs?

A. use MTOM to optimize the messages and provide data confidentiality via XML Digital Signature
B. because of the weak adoption of WS-SecureConversation on Java platforms, consider using Kerberos
C. use HTTPS as it is both economical and adequate
D. use WS-SecureConversation and MTOM to reduce the processing overhead

Answer: D

QUESTION NO: 43

Which statement is true about using WCF to access a Web service created with WSIT?

A. The client and service relationship can be established by adding a service reference in Visual Studio.
B. Visual Studio uses a wizard that creates a WSIT configuration file that accesses Java and .Net services.
C. Discovery of features and policies is only supported for Java clients.
D. WCF accesses Java-based WSIT services only via C#.

Answer: A

QUESTION NO: 44

A Java developer is testing the performance of the interoperability features of the company's WSIT Web services for customers who use .Net 3.0. To make sure everything is functioning correctly, the developer obtains a copy of Visual Studio and creates a WCF client for the company's Web services.What are two important factors that the developer must consider? (Choose two.)

A. ASP.Net clients are NOT supported.
B. Similar to Java, a class file implements the client functionality.
C. The only way to create a WCF client for a WSIT service is to buy Visual Studio.
D. Svcutil.exe creates a C# proxy for the services.
E. .Net 3.0 does NOT support discovery of WSIT service features via the WSDL.

Answer: B,D

QUESTION NO: 45

Which two statements are true about building and running a WCF client for WSIT Web services?(Choose two.)

A. .Net can create distributable console applications that are clients for WSIT services.
B. Visual Studio requires the use of menus and wizards to build the client.
C. .Net 3.0 targets four different platforms for clients that can be selected at runtime.
D. WCF clients for WSIT are not compatible with Visual Studio's integrated debugger.

E. .Net 3.0 supports command-line builds when source files are available.

Answer: A,E

QUESTION NO: 46

Given the Java fragment and schema:

1. //-- Java code fragment

2. public class PurchaseOrder{

3. public javax.xml.datatype.XMLGregorianCalendar orderDate;

4. }

5. //-- Schema fragment

6. <xs:complexType name="purchaseOrder">

7. <xs:sequence>

8. <xs:element name="orderDate" type="xs:anySimpleType"

9. minOccurs="0"/>

10. </xs:sequence>

11. </xs:complexType>

Which two statements are true about .Net and WCF interoperability for this data?

(Choose two.)

A. The GregorianCalendar maps to an equivalent date type in both Java and .Net.
B. .Net will generate code with the calendar as a string that functions as well as a date.
C. .Net will generate code with the calendar as a string that is not type equivalent.
D. Use of the @XmlSchemaType annotation causes .Net to properly map to a date.
E. Casting in the case of WSIT services is an effective approach for the WCF client.

Answer: C,D

QUESTION NO: 47

Given the Java fragment and schema:

1. //-- Java code fragment

2. public enum USState {MA, NH}

3. //-- Schema fragment

4. <xs:simpleType name=xsState?

5. <xs:restriction base=xs:string?

6. <xs:enumeration value=NH?/>

7. <xs:enumeration value=MA?/>

8. </xs:restriction>

9. </xs:simpleType>

10. // .NET auto generated code from schema

11. public enum usState { NH, MA }

Which statement is true about .Net and WCF interoperability for this data?

A. Based on the fragment, enumerations map well between Java and .Net.
B. The subtle differences in the variable names make it clear these enumerations are NOT interoperable.
C. The XML schema reveals the type on the enumeration is lost across the platforms.
D. This exchange would be interoperable if the annotation @XmlEnum was applied to the Java method.

Answer: A

QUESTION NO: 48

A company is designing a new application to track the materials used by their

construction firm on a large industrial construction project. They want their suppliers to

be able to see what materials the company needs for a competitive bid process.As the

architect for the Service Oriented Architecture, why would a developer use UDDI?

A. It defines the Web services as a resource.
B. It defines a stateful behavior for the participating Web services.
C. It provides a location where services can be dynamically discovered.
D. It defines a stateless behavior for the participating Web services.
E. It decouples the Web service from its implementation.

Answer: C

QUESTION NO: 49

A company is building a customer relationship management system that is to be deployed on a customer's network, and they want software functions to be reused and combined in different modules in the system. The Director of Technology has determined that the new system should utilize both Web services and a Service Oriented Architecture (SOA).Which two statements about Web services in an SOA are correct? (Choose two.)

A. A Web service must be discovered from a UDDI registry in an SOA.
B. SOA and Web services both use the HTTP protocol at the transport layer.
C. A Web service must publish itself to a UDDI registry to become part of an SOA.
D. SOA is a way to design a system and Web services are a possible implementation.
E. SOA is used for stateless invocations, and Web services for stateful invocations.
F. SOA emphasizes the concept of service encapsulation and Web services fulfill a service contract.

Answer: D,F

QUESTION NO: 50

A company has contracted a developer to create their new accounting system. The system the developer will replace runs a monolithic web application using one web server and one database server. Technical requirements state the developer must write the business logic in Java, deploy to the application server and push the presentation logic onto the web servers.What are three characteristics of services in the proposed Service Oriented Architecture? (Choose three.)

A. Services are coarse grained.
B. Services are finely grained.
C. Services are loosely coupled.
D. Services are tightly coupled.
E. Clients must be implemented in the Java technology.
F. Services are platform agnostic, network-addressable web APIs.

Answer: A,C,F

QUESTION NO: 51

A developer is building a real-time stock market monitoring application. Due to the volume of stock information pulled from the financial markets and the delays encountered when receiving data back from the servers, the developer decides to implement the asynchronous interaction pattern.Which three are implementations of this pattern? (Choose three.)

A. client-side push
B. client-side pull
C. server-side push
D. server-side pull
E. JMS-based
F. JAXB-based

Answer: B,C,E

QUESTION NO: 52

A developer has been implementing a Java application that reads in pharmaceutical information via Web service calls, scans through the data, and presents warnings about possible drug interactions. Performance has been slow, due to the large payloads returned from the Web services.Which two statements are true about implementing the Web Service Cache pattern? (Choose two.)

A. Caching must occur on the server.
B. Caching can occur on the client.
C. It will improve performance of updates.
D. It encapsulates a request as an object.
E. It will improve performance for non-volatile data.

Answer: B,E

QUESTION NO: 53

Click the Exhibit button.

MISSING EXHIBIT

<SOAP-ENV:Envelope xmlns:SOAPENV="

http://schemas.xmlsoap.org/soap/envelope/">

<SOAP-ENV:Header/>

<SOAP-ENV:Body>

<SOAP-ENV:Fault>

<faultcode>SOAP-ENV:Client</faultcode>

<faultstring>

Invalid Message

</faultstring>

<faultactor>http://flashnsizzle.com/order</faultactor>

<detail>

<PO:order xmlns:PO="http://flashnsizzle.com/orders/">

Incomplete order

</PO:order>

<PO:confirmation xmlns:PO="http://flashnsizzle.com/confirm">

Invalid address

</PO:confirmation>

</detail>

</SOAP-ENV:Fault>

</SOAP-ENV:Body>

</SOAP-ENV:Envelope>

A developer is implementing a Java client for a Web service. Occasionally the Web service call fails unexpectedly, so the developer wants to print out the error messages being returned from the call.Which two code fragments retrieve the faultcode, faultstring, and faultactor from the message? (Choose two.)

A. try {
...

```
// business logic to access a Web service method
...
} catch (SOAPFaultException sfe) { SOAPFault fault =
sfe.getFault(); System.out.println("An error occurred:");
System.out.println("actor:"+fault.getFaultActor());
System.out.println("code:"+fault.getFaultCode());
System.out.println("message:"+fault.getFaultString());
} catch (Exception ex) {
ex.printStackTrace();
}
```

B.

```
try {
...
// business logic to access a Web service method
...
} catch (SOAPFaultException sfe)
{ SOAPFault fault = sfe.getFault();
FaultElement code = fault.getElementsByTagName("faultcode");
FaultElement string = fault.getElementsByTagName("faultstring");
FaultElement actor = fault.getElementsByTagName("faultactor");
System.out.println("An error occurred:"); System.out.println("actor:"+actor.getValue());
System.out.println("code:"+code.getValue());
System.out.println("message:"+actor.getValue());
} catch (Exception ex) {
ex.printStackTrace();
}
```

C.

```
try {
...
// business logic to access a Web service method
...
} catch (SOAPFaultException sfe)
{ SOAPFault fault = sfe.getFault();
NodeList code = fault.getElementsByTagName("faultcode");
NodeList string = fault.getElementsByTagName("faultstring");
NodeList actor = fault.getElementsByTagName("faultactor");
System.out.println("An error occurred:");
System.out.println("actor:"+ actor.item(0).getNodeValue());
System.out.println("code:"+ code.item(0).getNodeValue());
System.out.println("message:"+ string.item(0).getNodeValue());
} catch (Exception ex) {
ex.printStackTrace();
}
```

D.

```
try {
...
// business logic to access a Web service method
...
} catch (SOAPFaultException sfe) {
```

```
SOAPFault fault = sfe.getFault();
Node code = fault.getElementsByTagName("faultcode");
Node string = fault.getElementsByTagName("faultstring");
Node actor = fault.getElementsByTagName("faultactor");
System.out.println("An error occurred:");
System.out.println("actor:"+actor.getNodeValue());
System.out.println("code:"+code.getNodeValue());
System.out.println("message:"+ string.getNodeValue());
} catch (Exception ex) {
ex.printStackTrace();
}
```

E.

```
try {
...
// business logic to access a Web service method
...
} catch (SOAPFaultException sfe)
{ SOAPFault fault = sfe.getFault();
System.out.println("An error occurred:");
System.out.println("actor:"+fault.getSOAPFaultActor());
System.out.println("code:"+fault.getSOAPFaultCode());
System.out.println("message:"+fault.getSOAPFaultString());
} catch (Exception ex) {
ex.printStackTrace();
}
```

Answer: A,C

QUESTION NO: 54

A student developer has created a new library of math functions to share with friends in a linear algebra class. The developer is having difficulty getting people to come over to the dorm to see the new code library, so he decides to deploy it as a Web service so that everyone can enjoy the features via the Internet. One of the functions has this WSDL definition:

```
<portType name="MyMathLib">
<operation name="incCtr">
<input message="tns:incCtr"/>
</operation>
```

</portType>

Which two statements are true about this Web service? (Choose two.)

A. This is an asynchronous receive.
B. This is an asynchronous send.
C. The client must use SOAPFaultException to display any errors.
D. It must send a SOAP fault back to the sender.
E. It must NOT send a SOAP fault back to the sender.

Answer: B,E

QUESTION NO: 55

A company is building a Java EE 5 purchase order processing system. This system will integrate with an external invoicing system as part of the purchase order approval process. A developer created a new client application to access the invoicing system using request-response, but a new service call is receiving errors every time it invokes the necessary Web service.Which statement is true about the Body element of the SOAP reply message?

A. It must NOT contain any fault elements.
B. It will contain a fault element for each error.
C. It will contain exactly one fault element.
D. It must contain zero or one fault element.
E. It must contain an array of fault elements.

Answer: D

QUESTION NO: 56

Which two statements are true about a UDDI registry? (Choose two.)

A. All services are interoperable.
B. Applications can perform case sensitive searches in the registry server.
C. Users must be authenticated.
D. It requires SOAP over HTTP.
E. UDDI tightly couples the Web service to the client so that the service can be used.

Answer: B,D

QUESTION NO: 57

A Java EE 5 application contains business logic composed of EJB3 beans. All current clients are Java applications accessing the business logic using RMI. Some clients are remote (running in different JVMs) and some are local (running in the same JVM).Which two occur if EJB components are exposed as Web services? (Choose two.)

A. New applications can use published interfaces to access existing applications.
B. Current local clients must access the Web services in the application as an URL.
C. WSDL documents define common types for all clients.
D. Current remote clients must switch from RMI to Web service access.
E. Delivery of messages is guaranteed for local clients.

Answer: A,C

QUESTION NO: 58

Which two statements are true about the Web services? (Choose two.)

A. SOAP messages are compressed during transport.
B. You must implement session tracking via HTTP cookies.
C. The WSDL defines services as collections of network endpoints.
D. All data shared between Java and non-Java components must be in XML format.
E. Data interchange is standardized in XML.
F. Stateful Web services must be implemented in a heterogeneous environment.

Answer: C,E

QUESTION NO: 59

An enterprise has a requirement to create a Web service to accept purchase orders. The order data contains some authorization information that is specific to each order (such as, who can access which parts of the order).Keeping in mind future enhancements in types of orders that the enterprise needs to accept, which two design solutions provide the most flexibility? (Choose two.)

A. a Web service interface with one method per accepted XML document type for a purchase order
B. a procedure-style Web service method that lists all data elements and all possible

access control options
C. a document-style Web service method that accepts all types of XML documents representing purchase orders.
D. a Web service interface with one method for each combination of data elements and the access control options

Answer: A,C

QUESTION NO: 60

A Web service needs to validate the credit rating for a loan. The service requires a

social security number, full name, and date of birth as input and returns one of many

possible documents.Which statement is true?

A. The developer must use an EJB-based endpoint.
B. The developer must use a procedure-style Web service.
C. The developer must use a document-style Web service.
D. The developer can use a procedure-style or document-style Web service.

Answer: D

QUESTION NO: 61

A developer is writing a Web service method that needs to accept multiple types of requests.

Based on the request's content, the service performs time-consuming steps, such as

verifying the user's account, checking credit ratings, and building a list of offers.Which two

approaches are appropriate to use in this situation? (Choose two.)

A. a synchronous, document-style approach
B. a synchronous, procedure-style approach
C. an asynchronous, document-style approach
D. an asynchronous, procedure-style approach
E. HTTP and HTTPS
F. SMTP or other asynchronous protocol

Answer: C,F

QUESTION NO: 62
Based on separation of concerns, which two are correctly implemented in the interaction

layer of a Web service? (Choose two.)

A. validation of XML documents
B. saving document contents in a database table
C. application of the business logic to the XML document
D. translation of incoming XML documents to their internal XML representations
E. a new message for exceptions that are encountered in the processing layer

Answer: A,D

QUESTION NO: 63

A developer has a requirement to expose a Web service interface to an existing

order processing system. The order processing system is quite old and the company has

doubts about its compatibility with newer technologies.What is the appropriate design?

A. only a new interaction layer
B. only a new processing layer
C. a new interaction layer and a new processing layer
D. a new interaction layer and a facade processing layer that uses the existing order processing system
E. a new processing layer and a facade interaction layer that uses the existing order processing system

Answer: D

QUESTION NO: 64

A Web service needs to encrypt certain SOAP headers when responding.Which statement

about this encryption?

A. The Web service interaction layer is the appropriate place for such encryption.
B. The Web service processing layer is the appropriate place for such encryption.
C. Either the Web service interaction or processing layer is appropriate for such encryption.
D. Neither the Web service interaction nor processing layer is appropriate for such encryption.
E. Protocol-based encryption like HTTPS should be used to meet the requirements without code changes.

Answer: A

QUESTION NO: 65

Enterprise A invokes a Web service provided by enterprise B with some parameters, and receives a response. A developer is making this interaction asynchronous so that A does not have to wait for B to finish processing.Which two actions must be taken to fulfill this requirement? (Choose two.)

A. establish a Web service endpoint for enterprise A to receive the response
B. partition the endpoint implementation in to interaction and processing layers so responses can be received independently
C. convert all Web service methods to use XML documents as parameters and return values
D. embed a correlation identifier in the request so that enterprise B can associate the response with it
E. read messages from a queue populated by enterprise B at peak hours when response times are too slow

Answer: A,D

QUESTION NO: 66

A purchase order Web service is designed to be synchronous, request-response, and HTTP-based. The existing service processes the request immediately. Because of new business requirements, the service can take up to ten days to perform a credit check before processing the order.Which two design changes need to be made? (Choose two.)

A. The client needs to use dynamic proxies instead of stubs.
B. The client needs to develop and deploy a Web service to accept callbacks.
C. The service only needs to change the WSDL from rpc-literal to document-literal.
D. The client and the service need to establish a mechanism to correlate the messages.
E. Given delays of up to ten days, a polling strategy is more efficient than callback.

Answer: B,D

QUESTION NO: 67

Which two provide a reason for converting an existing synchronous Web service

interaction to an asynchronous Web service interaction? (Choose two.)

A. when a system needs to improve its availability
B. when a human approval step has been added to a business process
C. when a human approval step has been replaced by an in-house automated system
D. when an external Web service endpoint used in the business process is having availability problems

Answer: B,D

QUESTION NO: 68

A developer created a Web service client that sends requests to the company's inventory

service. The quality assurance team reports a problem during testing. The client does not

work in some cases and the QA team reports that the client is sending malformed SOAP

messages. The software is returned to the developer for resolution.What is the result?

A. One or more class cast exceptions are returned in a SOAP message.
B. A SOAP fault that surfaces as a HTTPException because SOAP is serializable.
C. A SOAP fault surfaces as a SOAPFaultException.
D. A generic exception results because Java details are not to be mingled with SOAP.

Answer: C

QUESTION NO: 69

A Web service is developed using the Java EE 5 API and deployed in a Java EE 5

application.Which two statements are true? (Choose two.)

A. The Web service has no knowledge of the client's programming model.
B. An EJB in another application server can consume this service only if the service is deployed as a stateless session bean endpoint.
C. The Web service can always determine that the client is using a Dispatch interface or dynamic proxies to consume the service.
D. The SOAP requests generated by clients for this Web service are logically equivalent for clients using Dispatch interface or dynamic proxies.

Answer: A,D

QUESTION NO: 70

Which two encoding styles are acceptable according to the WS-I Basic Profile 1.1?

(Choose two.)

A. rpc-literal
B. rpc-encoded
C. document-literal
D. document-encoded
E. literal wrapped-encoded

Answer: A,C

QUESTION NO: 71

Which two statements are true about SOAP encoding? (Choose two.)

A. SOAP encoding can describe sparse arrays.
B. The soapenc:encodingStyle attribute must be specified on the soapenv:Body element.
C. SOAP-encoded messages can be used to represent graphs of objects.
D. The oapenc:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/" attribute is valid on a soapenv:Envelope in a WS-I Basic Profile 1.1 conformant SOAP message.

Answer: A,C

QUESTION NO: 72

When working directly with SOAP, which two statements are true about the encoding of

compound values? (Choose two.)

A. Compound values cannot be encoded.
B. A compound value may NOT contain other compound values.
C. Members of a compound value are encoded as accessor elements.
D. Accessors with names that are local to their containing types have unqualified names.

Answer: C,D

QUESTION NO: 73

A developer is exposing a selection of legacy systems via Web services. As the project

progresses, the developer discovers that the existing systems communicate, based on a

globally shared set of enumerated types. After much research, the developer realizes the

types must be supported going forward and must be reflected in the SOAP

messages.Which statement is true about SOAP-encoding and enumerated types?

A. Enumerated types cannot be encoded with SOAP.
B. Enumerated types can be encoded, but do NOT conform to WS-I Basic Profile 1.1 standards.
C. Enumerated types can only be encoded if they are explicitly defined.
D. Using enumerated types prevents Java Web services from talking to other platforms.

Answer: C

QUESTION NO: 74

Which WSDL fragment is a valid portType element for a WSDL file defining a requestresponse

Web service?

A. <portType name="Payroll">
<operation name="fileReport">
<message name="fileReport" mode="request-response"/>
</operation>
</portType>
B. <portType name="Payroll">
<operation name="fileReport">
<document name="fileReport" mode="request-response"/>
</operation>
</portType>
C. <portType name="Payroll">
<operation name="fileReport">
<input message="fileReportRequest"/>
<output message="fileReportResponse"/>
</operation>
</portType>
D. <portType name="Payroll">
<operation name="fileReport">
<input document="fileReportRequest"/>
<output document="fileReportResponse"/>
</operation>
</portType>
E. <portType name="Payroll">
<operation name="fileReport" type=request-response?
<input message="fileReportRequest"/>

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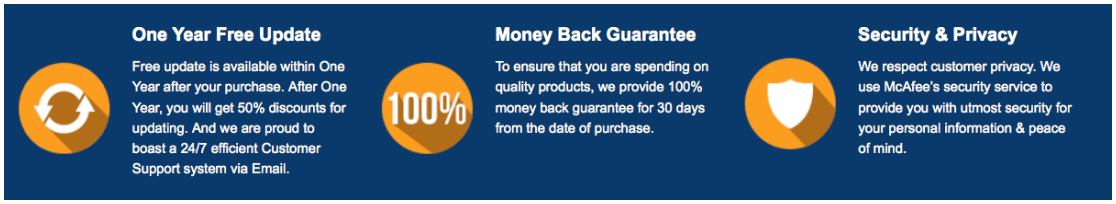

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