



Exam : 000-094

Title : Application Development with IBM
WebSphere Integration Developer V6.0.1

Ver : 12.16.08

QUESTION 1:

An SCA client executes the following code:

```
Service myService = (Service) serviceManager.locateService("myService");
```

```
DataObject myOutput = (DataObject) myService.invoke("someOperation", myInput);
```

where myInput is of type DataObject.

Which of the following is true about the service being invoked?

- A. The interface must be Java.
- B. The interface can be either WSDL or Java.
- C. The service can be invoked synchronously or asynchronously.
- D. Data will be passed by value during the service invocation.

Answer: B

QUESTION 2:

A process contains an invoke activity with the continue on error checkbox selected. This long-running process fails and no fault handler exists to catch the fault. The business process engine will do which of the following?

- A. Create a fault representing the failure and raise it to a higher scope.
- B. Create an administrative task for the administrator so that he/she can correct the error.
- C. Place the activity in a stopped state.
- D. Place the process in a stopped state.

Answer: A

QUESTION 3:

Under what circumstances should additional Java and J2EE projects be added to an integration application through use of the dependency editor?

- A. When the corresponding projects are already supporting other non-SCA applications.
- B. When the use of support projects should be minimized when developing and deploying integration applications.
- C. When that contained logic needs to be shared across multiple applications.
- D. When the contained logic is needed to support the implementation of a Java component.

Answer: D

QUESTION 4:

Which of the following should a developer create to map business data from one service

to another?

- A. Create an interface map and a data map and associate the data map with the interface map.
- B. Create an interface map and a data map.
- C. Create an interface map.
- D. Create an interface map and a data map, map the parameters in the data map, and associate the data map with the interface map.

Answer: D

QUESTION 5:

Several modules must use artifacts from the same shared library. How is the shared library to be deployed to the WebSphere Process Server?

- A. Inside all of the modules
- B. Inside a separate J2EE project
- C. Stand-alone to the WPS server
- D. Inside one of the modules

Answer: A

QUESTION 6:

A developer needs to invoke an external web service from business process. Which statement accurately describes an action that the developer must take?

- A. Copy the wsdl file describing the business process into the project containing the web service.
- B. Copy the wsdl file describing the external service into the module where the process resides.
- C. Create an export in the web project containing the web service.
- D. Create an export in the module where the business process resides.

Answer: B

QUESTION 7:

Which of the following should a developer do when using a data map for mapping business data from a member of a complex type to a simple type?

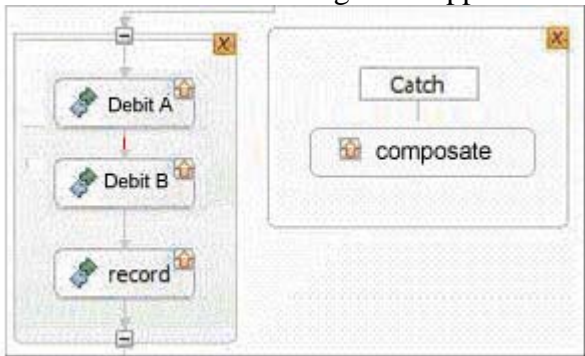
- A. Use a move parameter mapping to move the data from the source to the target interface.
- B. Create an assign parameter mapping to move the data from the source interface to the simple type.

- C. Write an XPATH statement to pull the data from the source using a move parameter mapping.
- D. Use an extract parameter mapping between the source and target interfaces.

Answer: D

QUESTION 8:

The figure shows a business process that contains three invoke activities within a scope. The fault handler only contains a single compensate activity that does not specify a target activity. Both debit A and credit B have completed successfully before record raises a fault. Which of the following will happen when the fault is caught by the fault handler?



- A. Without the target activity selected, no compensation would take place.
- B. The compensation handler of credit B is triggered and then the compensation handler of debit A.
- C. The compensation handler of debit A is triggered and then the compensation handler of credit B.
- D. Only the 'record' compensation handler would be triggered.

Answer: B

QUESTION 9:

As part of the order process, the CRM system (Siebel) initiates the order, which includes the customer information and sends it to the ERP system. This is modeled in an existing BPEL. The current ERP system (PeopleSoft) does not necessarily have the customer record. The condition needs to be handled where the customer is updated in the CRM but is actually created in the ERP. What is the best component to handle this requirement if the enterprise may change the ERP to SAP at a later time?

- A. An Interface Map.
- B. An additional integration BPEL, specific to PeopleSoft.
- C. The existing order BPEL.
- D. A standard Adapter Import configuration.

Answer: B

QUESTION 10:

A business integration solution must synchronize data between Siebel and PeopleSoft. During the synchronization process, business rules must be applied to determine which data should be sent to the destination system. If the Siebel and PeopleSoft services may change in the future, what is the BEST way to design this solution?

- A. Three modules: one for BPEL and business rules, another for Siebel maps and services, a third for PeopleSoft maps and services.
- B. One module consisting of BPEL, business rules, Siebel maps & services, and PeopleSoft maps & services.
- C. Four modules: one for BPEL, another for business rules, a third for Siebel maps and services, and a fourth for PeopleSoft maps and services.
- D. Two modules: one for BPEL and business rules, another for Siebel maps and services and PeopleSoft maps and services.

Answer: A

QUESTION 11:

The Receive interface operation specifies an Order Business Object as its input message format. The orderType string is used on the three link activities to determine the processing path. Which of the following statements is correct?

The screenshot shows the IBM WebSphere Integration Developer interface. On the left, a 'Business object' is defined with the following attributes:

| Attribute Name | Attribute Type |
|-----------------------|----------------|
| customerNumber | int |
| productID | string |
| orderType | string |
| requestedDeliveryDate | date |

On the right, the 'Properties' window for the 'orderType' attribute is shown. The 'Name' is 'orderType' and the 'Type' is 'string {http://ReceivePick}'. The 'Required' checkbox is unchecked, and the 'Array' checkbox is unchecked. The 'Minimum length' and 'Maximum length' fields are empty. The 'Collapse whitespace' checkbox is unchecked. The 'Only permit certain values' checkbox is checked, and the 'Enumerations' radio button is selected. The list of permitted values includes 'cancel', 'new', 'reschedule', and 'query'. The 'Add', 'Edit', and 'Remove' buttons are visible.

Below the properties window, a workflow diagram is shown. The workflow starts with a 'Receive' activity, followed by an 'EmptyAction' activity. The 'EmptyAction' activity has three outgoing flows labeled 'New', 'Cancel', and 'Reschedule', each leading to a corresponding activity. The workflow ends with a 'Reply' activity.

- A. The workflow will not run because an empty activity cannot be used as a link source.
- B. The workflow will not run because the Snippet activities are not joined prior to the Reply.
- C. A value of "query" for orderType on the receive activity will not result in a reply activity.
- D. This workflow must be long-running.

Answer: C

QUESTION 12:

A developer is creating the following interface in WebSphere Integration Developer. When saved, will this interface be valid?

The screenshot shows the 'Define Operation(s)' window in WebSphere Integration Developer. The window title is 'Define Operation(s)' and the subtitle is 'Define Operations and their corresponding parameters'. The window contains a table with the following data:

| Operation Name | Parameter Name | Type |
|-----------------|----------------|--------|
| getJokeOfTheDay | ams | |
| (Output) | Thepaal | string |

- A. No; this is an invalid interface, the input is missing.
- B. Yes; this is a valid one-way interface.
- C. Yes; this is a valid way to invoke a service.
- D. No; this is an invalid one-way interface.

Answer: C

QUESTION 13:

Which of the following scenarios can result in parallel activity execution?

- A. Uninterruptible process where multiple Link activities evaluate to true.
- B. Long-running process where multiple Link activities evaluate to true.
- C. Long-running process where multiple Choice activities evaluate to true.
- D. Uninterruptible process where multiple Choice activities evaluate to true.

Answer: B

QUESTION 14:

A process contains two nested Scopes where InnerScope is nested inside OuterScope.

Assign activities initialize the variables and Snippet activities list the values.

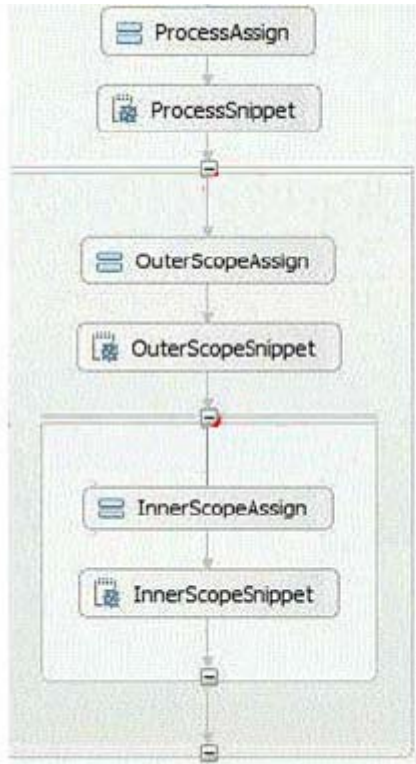
Process variables are defined and set as follows: a=5, b=7, c=9

OuterScope variables are defined and set as follows: a=10, d=3

InnerScope variables are defined and set as follows: a=20, b=14, e=13

InnerScope variables are defined and set as follows: a=20, b=14, e=13

Which of the following statements is true?



- A. All five variables (a,b,c,d,e) are available from within the Outer scope.
- B. All five variables (a,b,c,d,e) are available from within the Inner scope.
- C. All five variables (a,b,c,d,e) are available as global process variables.
- D. Only variables a and d are available from within the Outer scope.

Answer: B

QUESTION 15:

Compensation handlers contain actions which perform reverse operations for a particular scope or activity. Which of the following BPEL activities invokes a compensation handler?

- A. Throw / Rethrow
- B. Switch
- C. Invoke
- D. Compensate

Answer: D

QUESTION 16:

A workflow scenario requires a task to be created in one phase but started in another phase. Completion of the task then provides additional data to the business process. What kind of human task supports this requirement?

- A. Administrative Task
- B. Originating Task
- C. Participating Task
- D. Pure Human Task

Answer: B

QUESTION 17:

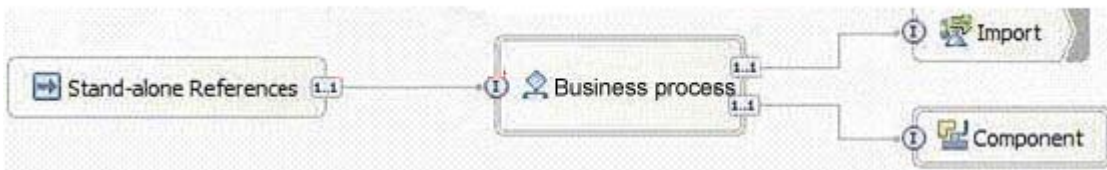
Which of the following does NOT normally belong in a Library Module?

- A. Custom Java Classes
- B. Maps
- C. Data Types
- D. Interfaces

Answer: A

QUESTION 18:

Which statement accurately describes the implications of the following assembly wiring?

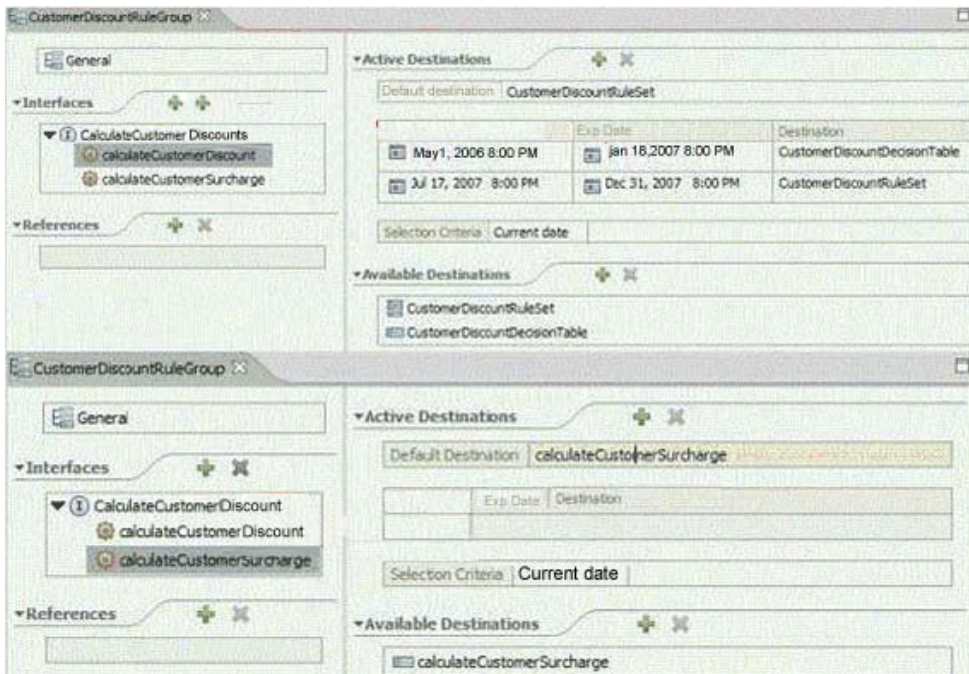


- A. The business process does not directly invoke a business rule.
- B. A servlet can directly invoke the business process.
- C. A state machine can directly invoke the business process.
- D. The business process does not directly invoke a selector.

Answer: B

QUESTION 19:

Given the following business rule group:
Which of the following statements is correct?



- A. Since both the calculateCustomerDiscount and calculateCustomerSurcharge operations are part of the same Rule Group, their input and output formats will be identical.
- B. When calculateCustomerSurcharge is invoked, it is possible that multiple business rules may be fired.
- C. All invocations of the calculateCustomerSurcharge operation will result in the calculateCustomerSurcharge Decision Table being selected.
- D. For calculateCustomerDiscount, if the current date does not fall between May 1, 2006 and Dec 31, 2007, then no business rules will be fired.

Answer: C

QUESTION 20:

For test execution purposes, when testing a module with the integration test client, all of the following can be directly configured to be connected to a component reference EXCEPT:

- A. a Web service endpoint.
- B. a programmatic emulator.
- C. an actual component as wired within the module.
- D. a manual emulator.

Answer: A

QUESTION 21:

Which of the following statements is NOT true about the Custom Mediation primitive?

- A. The WSDL operation must produce a message body that matches the structure specified for the output terminal of the mediation primitive.
- B. If Root is specified to be / then the WSDL operation signature must accept a complete SMO Structure.
- C. If Root is specified to be / body then the WSDL operation must accept a message body that matches that of the input terminal of the mediation primitive.
- D. The operation that is called must be a one-way operation.

Answer: D

QUESTION 22:

A developer needs to regenerate the deployment code for an integration module, MyModule. If auto-rebuild is enabled, prior to selecting Project > Clean from the menu, the developer could delete all of the following projects from the workspace and filesystem EXCEPT:

- A. MyModule
- B. MyModuleApp
- C. MyModuleEJB
- D. MyModuleWeb

Answer: A

QUESTION 23:

Given the following configuration in a long running business process:
Which of the following statements is correct?



- A. There will be a problem if this activity is followed by an activity that requires its own transaction.
- B. The activity will never run in the same transaction as the prior activities.
- C. A new transaction will be created for the activities following this one.
- D. No other activities can run in the transaction that this activity will run in.

Answer: B

QUESTION 24:

A developer wishes to test a business process with the BPC Explorer. How does the developer launch the BPC Explorer?

- A. Right click on the process in the assembly diagram and select Launch -> BPC Explorer.
- B. Right click on the module and select Launch -> BPC Explorer.
- C. Right click in the receive activity of the process and select Launch -> BPC Explorer.
- D. Right click on the server and select Launch -> BPC Explorer.

Answer: D

QUESTION 25:

Which of the following is required to invoke an EJB import from a BPEL process?

- A. Use a Java bridge with a WSDL-typed interface and a Java-typed reference.
- B. Configure the EJB import with a WSDL-typed interface.
- C. Use a Java bridge with a Java-typed interface and a WSDL-typed reference.
- D. Configure the BPEL with a Java-typed reference.

Answer: A

QUESTION 26:

A developer needs to add support for an event handler into the business process. Which of the following activities can the event handler be added to?

- A. Receive
- B. Receive Choice
- C. Invoke
- D. Scope

Answer: D

QUESTION 27:

While mapping an Order business object from a source system to an Inventory business object of a target system, a developer discovers that custom mapping logic is required to perform the required mapping. Which of the following statements describes a valid approach that the developer can take, if any?

- A. Use a Custom Callout to invoke the custom code.
- B. This cannot be done because custom mappings are not supported.
- C. Use a Java parameter map to invoke the custom code.

D. Use a submap to invoke the custom code.

Answer: C

QUESTION 28:

A developer needs to exchange data with an enterprise information system (EIS). What sequence must the developer complete to get connectivity using a WebSphere Adapter?

- A. Run Enterprise Service Discovery to generate the artifacts, Run the adapter install application, wire the solution using the import and/or export added to the assembly diagram by running the Enterprise Service Discovery.
- B. Run the adapter install application, run Enterprise Data Discovery to generate the artifacts, drag and drop the import and/or export to the assembly diagram, wire the solution.
- C. Run the adapter install application, copy the import and export components copied by the adapter install application to the WID project, drag and drop the import and/or export to the assembly diagram, wire the solution.
- D. Run the adapter install application, run Enterprise Service Discovery to generate the artifacts, drag and drop the import and/or export to the assembly diagram, wire the solution.

Answer: D

QUESTION 29:

A developer creates an export, without specifying a binding, which is wired to a component. How does the runtime interpret an export with no binding specified?

- A. As a Web Service Binding
- B. As a runtime error
- C. As an SCA Binding
- D. As an EIS Binding

Answer: C

QUESTION 30:

A developer needs to print details of the NullPointerException thrown by an Invoke activity. The developer adds a fault handler to the Invoke. Which of the following should the developer do next?

- A. Add a catchAll to map the fault details to a variable.
- B. Add a java snippet to obtain fault details from the Invokes output variable.
- C. Add a catch to map the fault details to a variable.
- D. Add an otherwise to access the fault details.

Answer: C

QUESTION 31:

A GoFishing process has an interface with an input parameter to indicate whether or not a license is valid.

The following links are set up between activities:

Source Activity Target Activity Link details

Receive GetLicenseStatus not set (default)

GetLicenseStatus SetAnswerReject input license is NOT valid

GetLicenseStatus RentBoat otherwise

GetLicenseStatus BuyBait otherwise

SetAnswerReject SendReply not set (default)

RentBoat SetAnswerConfirm not set (default)

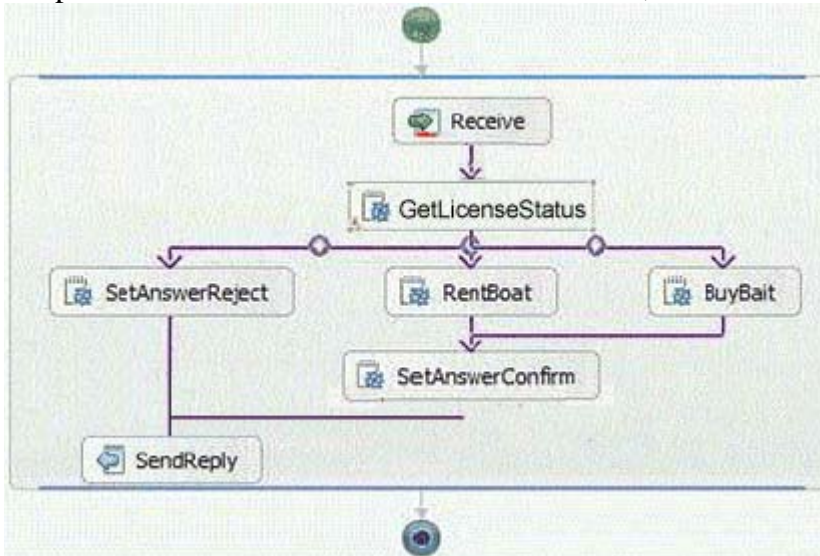
BuyBait SetAnswerConfirm not set (default)

SetAnswerConfirm SendReply not set (default)

SetAnswerConfirm SendReply not set (default)

In addition, the join behavior is set for the SetAnswerConfirm activity to be a simple expression with a value of "All".

If a process instance is started with a valid license, what activities will be executed?



- A. Receive, GetLicenseStatus, BuyBait, SetAnswerConfirm, SendReply
- B. Receive, GetLicenseStatus, RentBoat, BuyBait, SetAnswerConfirm, SendReply
- C. Receive, GetLicenseStatus, SetAnswerReject, SendReply
- D. Receive, GetLicenseStatus, RentBoat, SetAnswerConfirm, SendReply

Answer: B

QUESTION 32:

A developer is testing an EJB client to a business process that uses the BPE APIs. What is the most likely problem if the following exception occurs during the execution?

org.eclipse.emf.ecore.xml.PackageNotFoundException: Package with uri 'http://mynamespace/anInterface' not found.

- A. The client application does not have bpe137650.jar on its classpath.
- B. The client application does not have bpeapi.jar on its classpath.
- C. The client application does not have the Web staging module on its classpath.
- D. The client application does not have the referenced .WSDL and .XSD files on its classpath.

Answer: D

QUESTION 33:

The Message Logger primitive logs a copy of the message to a database for future retrieval or audit. How should a developer specify that the body of the message be logged to the database?

- A. Custom XPath
- B. Root /
- C. Root / body
- D. Root / context

Answer: C

QUESTION 34:

A mediation module can have dependencies on all of the following EXCEPT:

- A. Shared library
- B. Java project
- C. J2EE project
- D. Integration module

Answer: D

QUESTION 35:

ComponentA invokes ComponentB synchronously. How should the SCA service qualifiers be configured to ensure that the two components will participate in the same activity session?

- A. The two components will never participate in the same activity session.

- B. The two components will always participate in the same activity session.
- C. Set Suspend Activity Session = false on ComponentAs reference and set Join Activity Session = true on ComponentBs interface
- D. Set Join Activity Session = true on ComponentAs reference and set Suspend Activity Session = false on ComponentBs interface

Answer: C

QUESTION 36:

A business analyst wants to modify a business rule via the Business Rule Manager web application. Which of the following steps should be taken?

- A. Open the business rule in edit mode, then save the changes.
- B. Open the business rule in edit mode, then save and synchronize the changes.
- C. Open the business rule in edit mode, save the changes, and then publish the changes.
- D. Open the business rule in edit mode, save the changes, publish the changes, and then restart the application server.

Answer: C

QUESTION 37:

In a loan processing solution that takes several weeks to accomplish, there is concern that the company that services the credit check requests may need to change in the future. What would be the best option to ensure the design can support changing the credit check service implementation in the future?

- A. Wire the BPEL process to an import which points directly to the external credit check service.
- B. Include the credit check service as an SCA component on the assembly diagram with the BPEL component so the entire module can quickly be re-deployed if changes are necessary.
- C. Write java code in a snippet in the BPEL that calls the credit check service.
- D. Wire a selector component between the BPEL and the import which binds to the credit check service.

Answer: D

QUESTION 38:

Which of the following can a developer do when using visual snippets?

- A. Switch development style of a snippet back and forth between java and visual.
- B. Perform any function as can be accomplished using java code.
- C. Perform list iterations, while and for loops.

D. Use both java and visual styles inside a single snippet.

Answer: C

QUESTION 39:

Which of the following mediation primitives should be used to bypass unnecessary steps in a mediation flow?

- A. Fail Mediation
- B. Database Lookup Mediation
- C. XSLT Mediation
- D. Message Filter Mediation

Answer: D

QUESTION 40:

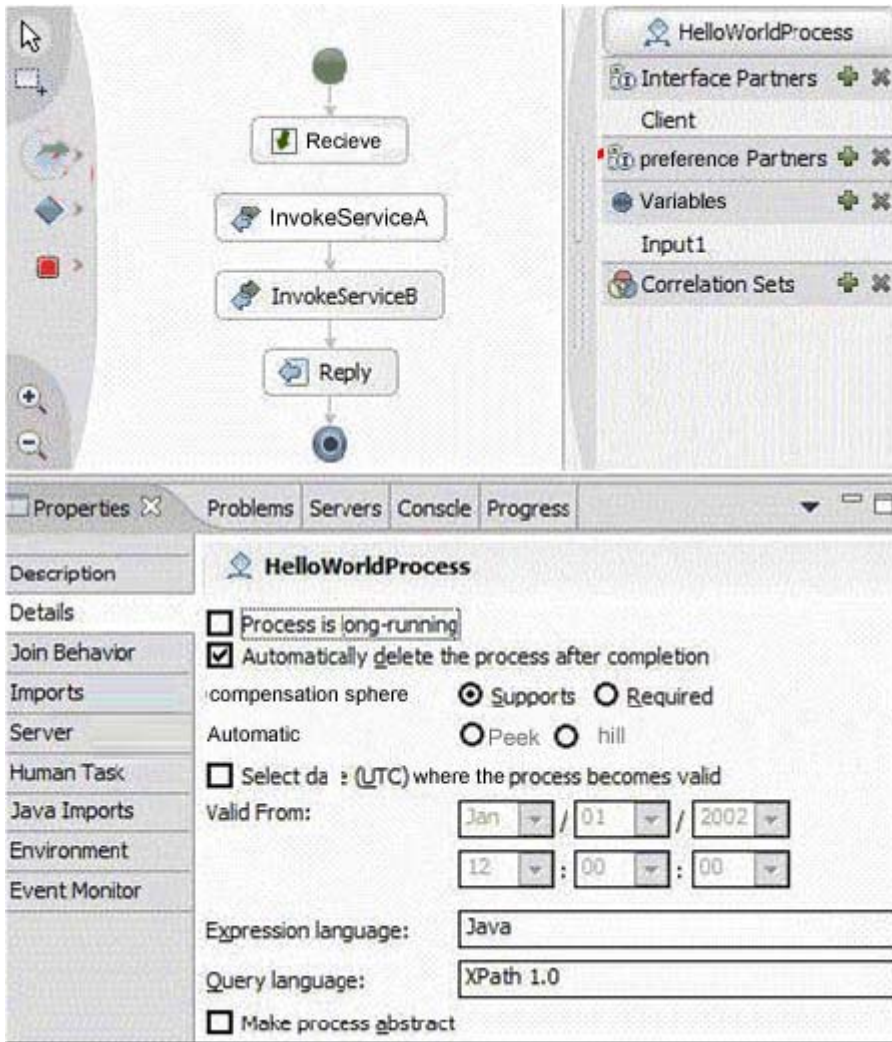
An assembly diagram has two components with the same interface. Both components need to execute when an external request is received by the module. To expose the interface, an export is created with an SCA binding. What should an integration developer do to complete the wiring?

- A. Add another reference to the export for the second component then wire from each reference to the respective target component.
- B. Change the reference on the export to support 0n multiplicity then wire from the export reference to the interface on the first component and then wire from the export reference to the interface on the second component.
- C. Add a component between the export and the two target components. Wire the export to the intermediate component and then wire the intermediate component to each target component.
- D. Drag and drop from the export to the first component and then drag and drop from the export to the second component.

Answer: C

QUESTION 41:

Based upon the figure, which of the following statements can be made if this stand-alone process were to roll back?



- A. Roll back is a feature only supported in a long-running process.
- B. Compensation would take place due to the compensation sphere setting.
- C. No compensation would take place due to the lack of compensation handlers.
- D. No compensation would take place due to the compensation sphere setting.

Answer: D

QUESTION 42:

Given the following configuration for and assuming the incoming data in of Object type:
Which of the following statements is correct?

Import: Import (JMS Binding)

JMS Import Binding | Connection | Resource Adapter | JMS Destinations | Method Bindings

Adapter Type: Web sphere Default Messaging provider version 0.3

connection

JNDI Lookup Name:

Manage connectionFactory: com.ibm.ws.sib.api.jmsra.impl.JmsJcaManagedConnectionFactoryImpl

JMS Destination

Send Destination Type: javax.jms.Queue

Receive Destination Type: javax.jms.Queue

Data Type: com.ibm.websphere.sca.jms.data.impl.JMSDataBindingImplJava

Binding Description:

- A. More fields need to be displayed on the JMS Import Binding tab in order to determine if the configuration is correct.
- B. There are no issues with the current configuration if the configuration is left as is.
- C. The binding will fail at runtime because the JNDI name is missing.
- D. The binding will fail because the data type needs to be changed to com.ibm.websphere.sca.jms.data.impl.JMSDataBindingImplXML.

Answer: B

QUESTION 43:

Which statement accurately describes the implications of the following assembly wiring?



- A. A state machine can invoke the business process.
- B. The configuration is incomplete and will not run in the current state.
- C. The Java component will not be able to invoke other SCA modules.
- D. The business process and the Java component can be in separate modules.

Answer: B

QUESTION 44:

Service qualifiers can be specified on service component references, interfaces, and implementations. Which of the following categories of qualifiers are NOT supported?

- A. Activity session
- B. Transaction
- C. Service bindings
- D. Asynchronous reliability

E. Security

Answer: C

QUESTION 45:

Which statement accurately describes a distinction between rules sets and decision tables?

- A. A rule set fires only one rule, while a decision table can fire multiple rules.
- B. To make use of a Rule Set, it must be included in a Rule Group. A Decision Table can be used without a Rule Group.
- C. To make use of a Decision Table, it must be included in a Rule Group. A Rule Set can be used without a Rule Group.
- D. A decision table fires only one rule, while a rule set can fire multiple rules.

Answer: D

QUESTION 46:

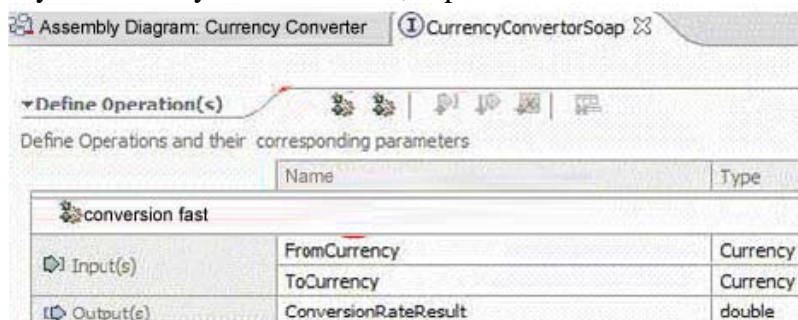
For what purpose is a state machine timeout used?

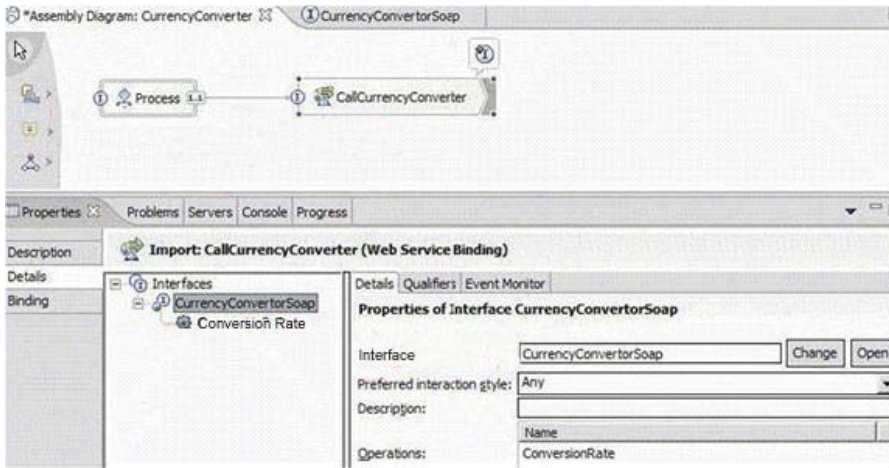
- A. To prevent a transition from occurring after a specified duration or expiration.
- B. To impose an expiration on a state by triggering a transition.
- C. To terminate a state machine after a specified duration or expiration.
- D. To timeout an invoke to prevent the state machine from hanging.

Answer: B

QUESTION 47:

How should a developer invoke the CurrencyConvertor HTTP web service asynchronously in this module, if possible at all?





- A. Update the Binding properties of the Import to specify the Invocation style is Asynchronous.
- B. Specify the Preferred interaction style is Asynchronous in the details of the Import.
- C. Ensure the Invoke activity specifies No response for the Response variable.
- D. This service cannot be called asynchronously.

Answer: D

QUESTION 48:

While attempting to send an event to a process instance from the BPC Explorer, a developer receives a 'CreateRejectedException' message. What is the most likely reason for this problem?

- A. The event does not pass in a correlation set value matching an existing process instance.
- B. The createInstance attribute associated with the event handler is set to yes.
- C. The process instance is no longer in a running state.
- D. The receive activity has already been navigated for the process instance.

Answer: A

QUESTION 49:

An integration developer is building a solution that contains many modules. The developer is analyzing what invocation model to use between Module A and Module B. Module B is a non-interruptible process with short response time. Efficiency is a key concern and Module B is exposed through an SCA binding. What would be the optimum invocation model to use?

- A. Synchronous (by reference)
- B. Synchronous (by value)

- C. Asynchronous (by value)
- D. Asynchronous (by reference)

Answer: B

QUESTION 50:

What happens when a fault handler completes without throwing a fault?

- A. The business process will continue processing at a higher scope than the activity which threw the fault.
- B. The fault is returned to the business process caller.
- C. The process ends in a failed state.
- D. The business process will continue processing as if no error occurred.

Answer: D

QUESTION 51:

A component implements an interface with two operations, Execute and ExecuteSecure. Anyone can invoke the Execute operation, but only users with a certain role can invoke the ExecuteSecure operation. To meet this security requirement, the "Security Permission" service qualifier can be configured as which of the following?

- A. The required role for the ExecuteSecure operation.
- B. A list of authorized users for the interface and Everybody for the Execute operation.
- C. A list of authorized users for the ExecuteSecure operation.
- D. The required role for the interface and Everybody for the Execute operation.

Answer: A

QUESTION 52:

With which of the following can a Service typed with WSDL portType only be used?

- A. A dynamic invocation method.
- B. A type Safe invocation method.
- C. A type Safe and Dynamic invocation method.
- D. A Web Service invocation method.

Answer: A

QUESTION 53:

Which of the following capabilities does NOT exist for Business Objects?

- A. A business object can contain an array of other business objects.
- B. A business object can contain a hierarchy of nested business objects.
- C. A business object can be created to inherit from multiple parent objects.
- D. A business object string attribute can be restricted to either a value in an enumeration, or a pattern.

Answer: C

QUESTION 54:

When an internal transition is defined in a state machine diagram, what behavior is expected?

- A. Events can trigger an action on the transition but no entry or exit actions are invoked, and a change of state occurs.
- B. Events can trigger an action on the transition and all entry and exit actions are invoked, and no change of state occurs.
- C. Events can trigger an action on the transition and all entry and exit actions are invoked, and a change of state occurs.
- D. Events can trigger an action on the transition but no entry or exit actions are invoked, and no change of state occurs.

Answer: D

QUESTION 55:

Which of the following type of human tasks can only be defined inline?

- A. Pure Human Task
- B. Participating Task
- C. Administrative Task
- D. Originating Task

Answer: C

QUESTION 56:

The integration debugger can be used to debug all of the following components EXCEPT:

- A. Data maps
- B. Interface maps
- C. Mediation flows
- D. Business rules

Answer: B

QUESTION 57:

If a developer designs a mediation flow and leaves an output terminal unwired at runtime, the output terminal stops the path in the flow:

- A. and generates an exception, and then consumes the message.
- B. without generating an exception and the message is consumed.
- C. without generating an exception and does not consume the message.
- D. and generates an exception.

Answer: B

QUESTION 58:

Which of the following statements accurately describes the implications of the following assembly wiring?



- A. The wiring is incomplete. There should be no unconnected elements.
- B. The assembly is not correct as is, but it can be corrected by removing one of the Java components.
- C. The configuration is correct as it is.
- D. The diagram is incorrect because an export cannot be connected directly to an export.

Answer: C

QUESTION 59:

Composite state machines are used to do which of the following?

- A. Define a complex state machine diagram within a single easy to understand diagram.
- B. Decompose a complex state machine diagram into an easy to comprehend hierarchy of state machines.
- C. Decompose a complex state machine diagram into an easy to comprehend peer set of state machines.
- D. Define a complex state machine diagram using additional building blocks not available in normal state machines.

Answer: B

QUESTION 60:

Which statement accurately describes the implications of the following assembly wiring?



- A. The import and export should be reversed on the diagram.
- B. Multiple Java components can be invoked by the business process.
- C. The business process can invoke a web service.
- D. A jsp can directly invoke the business process.

Answer: C

QUESTION 61:

A developer needs to invoke a state machine from a web page. Which statement accurately describes an action that the developer should take?

- A. Create a stand-alone reference. No configuration is needed for the stand-alone reference; it only needs to be connected with a wire.
- B. Create an export to expose the interface of the state machine.
- C. It depends on the technology used to create the web page.
- D. Create a stand-alone reference, and then add the correct interface to the stand-alone reference.

Answer: C

QUESTION 62:

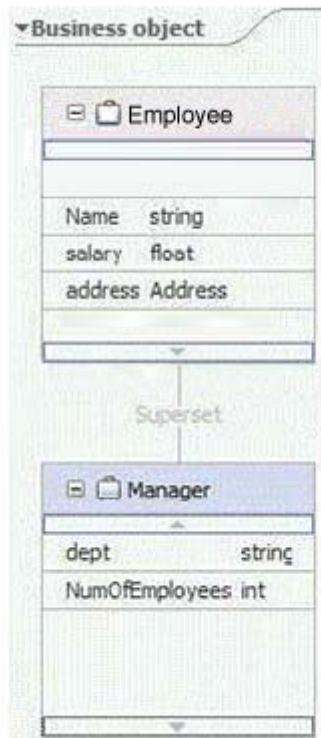
Which of the following correctly describes the actions a developer would take in order to merge data from a source and populate a target when mapping business data?

- A. Use a join parameter map to merge the source fields and map to the target.
- B. Create a move transform to merge the source data and populate the target.
- C. Use a join transform to combine the values from the sources and populate the target.
- D. Create a move parameter map to combine the original values and move the result to the target.

Answer: C

QUESTION 63:

Which of the following statements is correct?



- A. The Manager Business Object is inherited from the Employee Business Object.
- B. The Manager Business Object contains one Employee Business Object.
- C. The Employee Business Object contains a Manager Business Object.
- D. The Manager Business Object contains one too many Employee Business Objects.

Answer: A

QUESTION 64:

A developer needs to expose an SCA component to a client outside WPS. If the client cannot write SOAP messages, which of the following bindings can be used for the export?

- A. SCA
- B. Web Services
- C. JMS
- D. EJB

Answer: C

QUESTION 65:

What mediation primitive should be used to change the headers or the body of messages?

- A. XSLT Mediation
- B. Database Lookup Mediation

- C. Message Filter Mediation
- D. Message Logger Mediation

Answer: A

QUESTION 66:

When generating a custom mediation and basing it on a user-provided flow, the Custom Mediation Wizard assumes that the request is the input message and the response is the output message. Direct use of this type of custom mediation is easiest to use in which of the following?

- A. Request/response flow where the same interface has been used on the export.
- B. Response flow where the same interface has been used on the export.
- C. Request flow where the same interface has been used on the export.

Answer: A

QUESTION 67:

As part of a large integration project, the solution calls for an application to use a resource adapter. While running the Enterprise Service Discovery Wizard, the integration developer is asked whether to Deploy connector with module. A major concern centers around future upgrading of adapters used by multiple modules. How should the integration developer configure Deploy connector with module? (Note: Adapter==Connector)

- A. Deploy the adapter in a separate module.
- B. Deploy the adapter both in this module for use by this application and in a module by itself for use by other applications.
- C. Deploy the adapter with the module.
- D. It does not make a difference where the adapter is deployed since the adapter upgrade wizard will walk the developer through the process and upgrade all selected instances of the adapter.

Answer: A

QUESTION 68:

In order to use an external web service, a developer needs to import the web service into which of the following?

- A. In the META-INF/wsdl directory, place an export onto the assembly diagram and modify the exports properties to select the web service binding.
- B. In the META-INF/wsdl directory, place the interface onto the assembly diagram and right click on the assembly diagram and select the web service binding.

- C. In the module, place a java component onto the assembly diagram and right click the java component to generate a web service binding.
- D. In the module, place the interface onto the assembly diagram and select the web service binding.

Answer: D

QUESTION 69:

A developer wants to use the Visual Snippet editor to test a string value to see if it begins with a specific substring value. A standard visual snippet does not exist for this function. What should the developer do next?

- A. Use the java shell snippet to call the java string method from the visual snippet.
- B. Click "Open Java Editor" and implement the function using java code string functions.
- C. Select a java visual snippet and locate the appropriate java string function.
- D. Switch to a java snippet and implement the function using java code string functions.

Answer: C

QUESTION 70:

A developer wants to create a new Rule Set and access it from an existing module. What steps must have already been taken and/or must be taken as part of creating and using the Rule Set?

- A. Use an existing or create a new Interface, create the Rule Set, add the Interface to the Rule Set, add the Rule Set to the assembly diagram, wire the Rule Set into the assembly diagram.
- B. Create a Rule Group, create the Rule Set and add it to the Rule Group, add the Rule Group to the assembly diagram, wire the Rule Group into the assembly diagram.
- C. Create the Rule Set, add the Rule Set to the assembly diagram, wire the Rule Set into the assembly diagram.
- D. Use an existing or create a new Interface, create a Rule Group, add the Interface to the Rule Group, create the Rule Set and add it to the Rule Group, add the Rule Group to the assembly diagram, wire the Rule Group into the assembly diagram.

Answer: D

QUESTION 71:

A module is wired as follows:

ComponentA -> ComponentB -> ComponentC

What should a developer do to test ComponentB by itself?

- A. Run Test Component on ComponentB and emulate ComponentC.

- B. Run Test Component on ComponentA and emulate ComponentA & ComponentC.
- C. Run Test Component on ComponentA and emulate ComponentC.
- D. Run Test Component on ComponentB and remove all emulators.

Answer: A

QUESTION 72:

An integration developer is tasked to update a long running business process which is called using late binding from another long running business process and typically has hundreds of processes running concurrently. How should the integration developer complete the task?

- A. Modify the module containing the called long running process. Set the Valid From date to the date at which the new process should be used and deploy it to the server.
- B. Open the module containing the called long running process. Use Save As to save the process using the same name to another module. Modify the process in the new module and set the Valid From Date to the date at which the new process should become valid. Deploy the new module to the server.
- C. Copy the process to be modified. Paste it into a new module. Modify the process to reflect the necessary changes including updating the Valid From date. Deploy the new module to the server.
- D. Select show files from within WID. Copy the module name and then paste with a new module name. Manually edit the sca.module file to ensure the module tag reflects the new module name. Edit the process to reflect any process changes and set the Valid From date. Deploy the new module to the server.

Answer: D

QUESTION 73:

Given the following configuration in a short running business process:
Which of the following statements is correct?





- A. A commit will take place before and after the snippet runs.
- B. The snippet will run in a new transaction.
- C. No commit will take place before the snippet runs.
- D. There will be a commit just before the snippet runs.





Answer: C

QUESTION 74:

Which of the following statements accurately describes the implications of the following selector configuration?

▼ Active Destinations  

Default Destination: *Enter SCA Destination*

| Stations | Exp Date | Destination |
|--|--|-----------------|
|  Jul 18, 2006 8:00 PM |  Jul 20, 2006 8:00 PM | Java Component2 |
|  Jul 20, 2006 8:00 PM |  No Date | Java Component3 |

Selection Criteria:

- A. The configuration is incorrect because there is no default destination.
- B. The configuration is incorrect because there is no end date for the second destination.
- C. The configuration is correct as is.
- D. There is no problem with the configuration, but no destination will be selected after 8:00 PM on July 20, 2006.

Answer: C

QUESTION 75:

A developer plans to expose a service using a JMS export. If the service interface has two operations, which of the following will help determine the correct operation to invoke based on the incoming message?

- A. Activation spec
- B. Data binding
- C. Function selector
- D. Resource adapter

Answer: C

QUESTION 76:

Assuming default project naming conventions, which of the following is generated and therefore should NOT be included in a Project Interchange export file?

- A. OurIntegrationModule
- B. OurIntegrationUtilities
- C. OurIntegrationModuleApp
- D. OurIntegrationLibrary

Answer: C

QUESTION 77:

Given the following configuration:

Which of the following statements is correct?

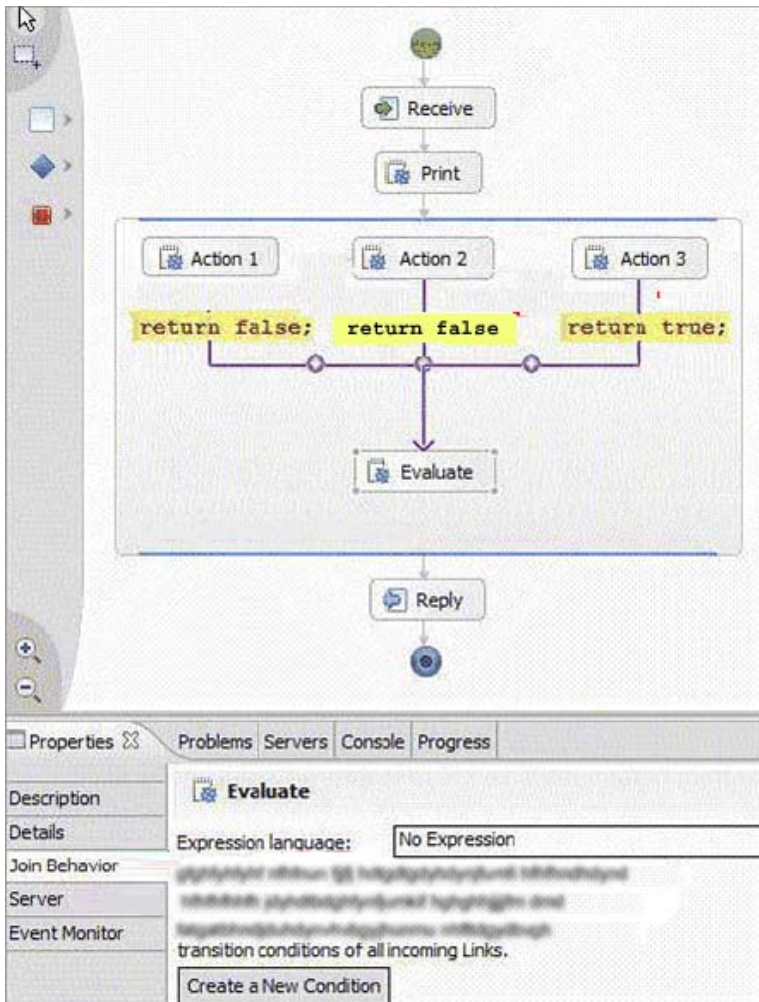
| Monitor | Event | On | Transaction | Label |
|---|--------|-------------------------------------|-------------|-------|
| None | Digest | <input type="checkbox"/> | Existing | |
| All | Digest | <input type="checkbox"/> | Existing | |
| Selected | | | | |
| <input checked="" type="checkbox"/> Exit | Digest | <input checked="" type="checkbox"/> | Existing | |
| <input checked="" type="checkbox"/> Failed | Empty | <input checked="" type="checkbox"/> | Existing | |
| <input checked="" type="checkbox"/> Skipped | Digest | <input type="checkbox"/> | Existing | |

- A. The business object name will be shown if the activity fails even though empty is selected.
- B. The events generated after the activity completes will contain only the business object names.
- C. If the activity is skipped, then the events will continue to be registered with the monitor runtime, but they will not be generated at runtime.
- D. No events will be generated because the labels are missing.

Answer: C

QUESTION 78:

Based upon the configuration, what will happen with the Evaluate snippet when this process is executed?



- A. It will not be called because there is no join condition specified.
- B. It will not be called because a False is returned from one of the links.
- C. It will be called because of the join condition specified.
- D. It will be called because the link from Action 3 is returning True.

Answer: D

QUESTION 79:

Given the following process fragment:

If the RollTwoDice service returns a value of 12, then which activities will execute?



- A. GiveMoney, TakeMoney, Terminate, GoHome
- B. GiveMoney, TakeMoney, Terminate
- C. GiveMoney, Terminate, GoHome
- D. GiveMoney, Terminate

Answer: D

QUESTION 80:

When new business objects are added to a module or library in the Business Integration view, they will appear as which of the following?

- A. Data Types
- B. Interfaces
- C. Business Objects
- D. Classes

Answer: A

QUESTION 81:

Under what circumstances should the fail terminal of a mediation primitive be wired?

- A. When it is necessary to capture the exception information details other than in WebSphere logs.
- B. When the failure information needs to be propagated back to the mediation flow's caller.
- C. When the mediation flow participates in a global transaction and that transaction needs to be rolled back.
- D. When it is necessary to force an application level exception within the mediation flow.

Answer: A

QUESTION 82:

When can business state machines execute parallel paths simultaneously, if at all possible?

- A. When multiple transition conditions outbound from the same state evaluate to true.
- B. State machines cannot execute parallel paths simultaneously.
- C. When all actions are designed as asynchronous.
- D. When the state machine is designed as a long running process.

Answer: B

QUESTION 83:

A module contains one process shown in this figure. How does a developer setup compensation for this process?

The screenshot displays the configuration for a BPMN process named 'HelloWorldProcess'. The main canvas shows a linear flow: Start -> Receive -> Print -> Invoke Service 1 -> Invoke Service 2 -> Reply -> End. The right sidebar shows the process structure: HelloWorldProcess, Interface Partners (Client), Reference Partners, Variables (Input1), and Correlation Sets. The bottom pane shows the 'HelloWorldProcess' properties. Under 'Details', 'Process is long-running' is unchecked, and 'Automatically delete the process after completion' is checked. 'Compensation Sphere' is set to 'Supports', and 'Autonomy' is set to 'Peer'. There is a date/time picker for 'Valid com' set to Jan 11, 2002, 12:00. 'Expression language' is 'Java' and 'Query language' is 'XPath 1.0'. 'Make process abstract' is unchecked.

- A. Make the process long running as compensation activity cannot occur in a short running process.

- B. Right click the invoke activities to add compensation handlers.
- C. Update the invoke activities to identify the operation and variables needed for compensation.
- D. Add a fault handler at the process level and invoke the compensate activity.

Answer: C

QUESTION 84:

An escalation needs to notify the manager of an employee that has claimed the associated task. Which of the following Staff Plug-in Providers must be associated with this task to support this escalation?

- A. Everybody
- B. LDAP
- C. User Registry
- D. System

Answer: B

QUESTION 85:

What is the best way to package business objects and interfaces to support the development and deployment of Java non-SCA client applications?

- A. In a mediation module
- B. In a library
- C. In a module
- D. In a J2EE client application

Answer: B

QUESTION 86:

A complex long running business process contains several business processes that will need to be versioned over time. The integration developer decides to break the complex process into a parent controlling process and child processes which use late binding. The developer wants to leverage the late binding capabilities of business processes executing in WebSphere Process Server. After breaking the complex process into a parent controlling process and smaller processes, what step should be taken next?

- A. Modify the Process Template property of the parent process to include the name of the child process. Add the processes to the assembly diagram and then the parent reference must be wired to the child process interface node.
- B. Add the processes to the assembly diagram and wire the processes together using a selector between the reference and interface nodes of the process.

- C. Add the processes to the assembly diagram and wire the processes together using the reference and interface nodes.
- D. Modify the Process Template property of the parent process to include the name of the child process. Add the processes to the assembly diagram but do not wire the parent reference to the child process interface node.

Answer: D

QUESTION 87:

A set of operations on enterprise data are accessed and exposed through the use of a WebSphere (J2C) Adapter. The resulting interface will be used by a large number of integration applications. In order to maximize deployment flexibility, what is the best way to package and deploy this exposed service within the enterprise?

- A. Library
- B. Module
- C. Mediation Module
- D. Resource Archive

Answer: C

QUESTION 88:

Which of the following service qualifier combinations will ensure that a target component runs in a propagated transaction? (Assume the "Suspend transaction" on the caller's reference is set to "False").

- A. Join Transaction = true on interface and Transaction Value = Global on implementation
- B. Join Transaction = false on interface and Transaction Value = Local on implementation
- C. Join Transaction = true on interface and Transaction Value = Local on implementation
- D. Join Transaction = false on interface and Transaction Value = Global on implementation

Answer: A

QUESTION 89:

Which of the following indicates when to consider using a Web service binding?

- A. When a service must be accessed on an EIS system using a resource adapter, performance is more important than reliability; that is, synchronous data transmission is preferred over asynchronous.
- B. When a messaging system must be accessed, the services are loosely coupled,

reliability is more important than performance; that is, asynchronous data transmission is preferred over synchronous.

C. When an external service must be accessed over the Internet or provide a service over the Internet, the services are loosely coupled, the protocol of an external service being accessed or a service to be provided is SOAP/HTTP or SOAP/JMS.

D. When all services are contained in WebSphere Integration Developer modules; that is, there are no external services, performance is important, the modules are tightly coupled.

Answer: C

QUESTION 90:

Which of the following will prevent a developer from starting a process in the BPC Explorer?

- A. No valid from date specified in the business process.
- B. The SCA module only contains a JMS binding.
- C. The business process template is in the Stopped state.
- D. The SCA module does not contain a valid export.

Answer: C

QUESTION 91:

An 'onEvent' event handler is added on the process. The first activity in the event handler is a Java snippet that prints data to the console. An event is sent to the process, but the output is never printed to the console. Which of the following best explains why the snippet is never invoked?

- A. An invalid timeout value was specified in the event handler.
- B. An event handler is currently being executed in the process instance.
- C. The scope is no longer executing.
- D. The event handler was added to the wrong invoke activity.

Answer: C

QUESTION 92:

A developer is developing a participating human task with the requirement that it can only be claimed by a user that is dynamically supplied by the invoking business process. How does the human task need to be configured to support this requirement?

- A. Standalone human task with potential owner role configured with the "users" verb with corresponding parameter value set to a process variable.
- B. Standalone human task with editor role configured with the "users" verb with corresponding parameter value set to a process variable.

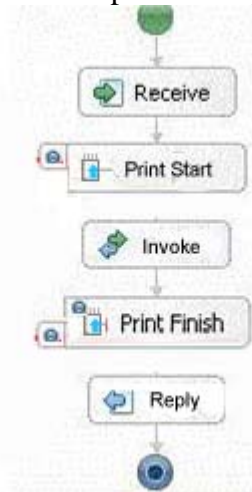
- C. Inline human task with editor role configured with the "users" verb with corresponding parameter value set to a process variable.
- D. Inline human task with potential owner role configured with the "users" verb with corresponding parameter value set to a process variable.

Answer: D

QUESTION 93:

A developer configures breakpoints for a BPEL process as shown in the following exhibit:

Where will the BPEL process stop when run through the integration debugger?



- A. After exiting Print Start, inside Print Finish, after exiting Print Finish
- B. Before entering Print Start, inside Print Start, before entering Print Finish
- C. After exiting Print Start, inside Print Start, before entering Print Finish
- D. Before entering Print Start, inside Print Finish, after exiting Print Finish

Answer: D

QUESTION 94:

A developer wants to use JMS to invoke a business process. Which of the following actions should the developer take to achieve this task?

- A. Configure the export by setting the TargetFunctionName property under the Method Bindings tab to the correct method name.
- B. Allow WID to set the method name automatically on the export configuration.
- C. The functionality is not supported.
- D. Configure the export by setting the Native Method field under the Method Bindings tab to the correct method name.

Answer: B

QUESTION 95:

A mediation flow is required to route an incoming service request to one of several service providers based on quality of service value provided in one or more message headers. What mediation primitive should appear in the corresponding mediation flow component?

- A. Message Logger
- B. XSLT
- C. Custom
- D. Message Filter

Answer: D

QUESTION 96:

A developer would like to test a module using input from a JMS client. How can this be achieved with the integration test client?

- A. Select the module, right-click and choose Test > Test Module, then wait for an event.
- B. Select the module, right-click and choose Test > Attach, then wait for an event.
- C. Select the JMS export, right-click and choose Test Component, then Invoke an event.
- D. Select the JMS export, right-click and choose Test Component, then wait for an event.

Answer: B

QUESTION 97:

A solution has been modeled so that ProcessA determines a credit score. If the score is below a threshold ProcessA calls ProcessB to invoke a customer relations specialist to contact the customer to complete the application. How does the developer ensure that ProcessB shares ProcessAs life-cycle and compensation sphere?

- A. Create a join condition in ProcessB.
- B. Set ProcessBs autonomy to Child.
- C. Create a join condition in ProcessA.
- D. Set ProcessAs autonomy to Peer.

Answer: B

QUESTION 98:

Given the following configuration:
Which of the following statements is correct?

Invoke

Destination ☒ CEI ☐ Audit Log

| | Event Content | On | Transaction | Label |
|---|---------------|-------------------------------------|-------------|---------------|
| <input type="radio"/> Times | | | | |
| <input type="radio"/> All | Digest | <input type="checkbox"/> | Existing | |
| <input checked="" type="radio"/> Selected | | | | |
| <input checked="" type="checkbox"/> Entry | Digest | <input checked="" type="checkbox"/> | Existing | |
| <input checked="" type="checkbox"/> Exit | Empty | <input checked="" type="checkbox"/> | New | |
| <input type="checkbox"/> Expired | Digest | <input type="checkbox"/> | Existing | |
| <input checked="" type="checkbox"/> Failed | Digest | <input checked="" type="checkbox"/> | Existing | Failed Events |
| <input type="checkbox"/> Completion forced | Digest | <input type="checkbox"/> | Existing | |
| <input type="checkbox"/> Retry forced | Digest | <input type="checkbox"/> | Existing | |
| <input checked="" type="checkbox"/> Skipped | Full | <input checked="" type="checkbox"/> | Default | |
| <input type="checkbox"/> Stopped | Digest | <input type="checkbox"/> | Existing | |
| <input type="checkbox"/> Terminated | Digest | <input type="checkbox"/> | Existing | |

- A. Events which are generated as a result of the activity failing will show information for more than one attribute on the relevant objects.
- B. The WPS runtime will not use the Failed Events label and it will not be written to the generated events.
- C. The WPS runtime will use the default label for events which are generated when the activity is skipped.
- D. If the current transaction fails, then events that are generated upon entry into the activity will be generated.

Answer: B

QUESTION 99:

The Business Process Component implementation provides the business logic for the service. If the component implementation does not exist, which of the following will appear in the left lower corner?

- A. !
- B. ?
- C. #
- D. *

Answer: A

QUESTION 100:

Which of the following is NOT contained in a business graph?

- A. Change summary
- B. Root business object
- C. Event summary
- D. Delta summary

Answer: D

QUESTION 101:

When using the integration test environment, saved data pool values can be shared across multiple tests associated with the same:

- A. module project.
- B. test configuration.
- C. workspace.
- D. test server profile.

Answer: C

QUESTION 102:

When considering using a business process versus a business state machine, which of the following functions listed below would determine the need to use a business process over business state machines?

- A. Driven by Events
- B. Complex Logic
- C. Loops
- D. Inline Human Interaction

Answer: D

QUESTION 103:

A component in ModuleA needs to call a component in ModuleB. In order to achieve optimal performance, which type of binding should be used?

- A. SCA
- B. Web Services
- C. EIS
- D. JMS

Answer: A

QUESTION 104:

A developer is building an application for a travel agency. The travel agency will receive calls from customers to obtain quotes for travel. The customers will often need many days to deliberate before they are ready to book a trip. The application should save the customer information and quote that was gathered during the initial call so that this processing does not need to be repeated. What is the most appropriate approach for the developer to handle this type of scenario in a business process?

- A. Add another receive into the process that will be invoked and add a correlation set.
- B. Add an event handler to create another entry point into the process.
- C. Store the quote, wait, and add a human task to handle the reply.
- D. Add another receive into the process that will be invoked.

Answer: A