Exam Code: 310-051

Exam Name: SUN CERTIFIED ENITRPRISE

ARCHITECT FOR J2EE(tm)TECHNOLOGY

Vendor: Sun

Version: DEMO

Part: A

1: Which two features of a firewall might interfere with the operation of IIOP? (Choose two.)

A.port filtering

B.load balancing

C.address filtering

D.network address translation

Correct Answers: A C

2: Your client is a bank that wants to allow its customers to access their bank accounts over the Internet. Given the following requirements, which protocol communicates with the Web browsers?

  Confidential information must be protected.

  Customers will access their account using only a simple Web browser with no extensions.

A.IIOP

B.HTTP

C.SNMP

D.HTTPS

Correct Answers: D

3: What are two features of IIOP? (Choose two.)

A.It is secure.

B.It is connnectionless.

C.It is connection-based.

D.It is used for load balancing.

E.It is used for hypermedia requests.

F.It is used for remote-object communications.

Correct Answers: C F

4: These are the requirements for your new system:

  All current business logic is in the form of database-stored procedures.

  All current and new business logic is to be migrated to EJB.

  The system is an online, Web-based system. The UI is HTML-based.

  There are three EJBs: Customer, Order, and Account. There is one Java object, ShoppingList, which holds the current list of ordered items.

  Only account and order data are stored in the database.

  The Customer EJB maintains a reference to the ShoppingList.

Which three architectural decisions adhere to the requirements? (Choose three.)

A.make Order and Account an entity EJB

B.make Customer a stateful-session EJB

C.make Customer a stateless-session EJB

D.make Customer an entity EJB and put business logic in it

E.make Customer a session EJB and put business logic in it

F.use the Container Managed Persistence policy for the Customer session EJB

Correct Answers: A B E

5: Which two services does EJB provide? (Choose two.)

A.HTML generation

B.transaction services

C.lifecycle management

D.remote-method invocation

Correct Answers: B C

6: You are developing an HR application with the following requirements:

  Users access the systems over an intranet, using a standard Web browser.

  Organization information is stored in LDAP.

  Benefits information is stored in an RDBMS.

  Complaints are sent directly to a third-party system for compliance.

Which J2EE technology would send messages to the third-party complaint system?

A.EJB

B.JSP

C.JMS

D.JTA

E.JNDI

F.JDBC

Correct Answers: C

7: What are two benefits of the Iterator pattern? (Choose two.)

A.It organizes collections into tree structures.

B.It performs a task for each object it visits in the collection.

C.It supports traversing the same collection in different orders.

D.Multiple Iterators can traverse the same collection simultaneously.

Correct Answers: C D

8: Which pattern is the most appropriate for allowing transparent access to a remote object?

A.Proxy

B.Facade

C.Memento

D.Singleton

E.Command

Correct Answers: A

9: Which three are limitations of design patterns? (Choose three.)

A.They can complicate a design.

B.They are limited to Java and C++.

C.They can introduce performance problems.

D.They do not provide an implementation for a specific problem.

Correct Answers: A C D

10: Which design pattern is represented by the JDBC ResultSet class?

A.Bridge

B.Iterator

C.Composite

D.Factory Method

Correct Answers: B

11: Which pattern allows dependent objects to be notified when an object changes state?

A.Mediator

B.Observer

C.Decorator

D.Interpreter

E.Command

Correct Answers: B

12: Click the Exhibit button.

Then click the Tile button. You have been hired to design a service-based architecture for your customer. The requirement is to integrate the existing services and provide web access.

The customer design team has drawn up a suggested architecture as shown in the Exhibit. Their suggested architecture shows the Web server making requests to the relevant service and having service-to-service communication handle the business request.

Which two statements are false about the suggested architecture? (Choose two.)

A.The suggested architecture may require new service-to-service communication to support new business functionality.

B.The suggested architecture puts the burden on the service-to-service communication to support new business functionality.

C.The suggested architecture will not require new service-to-service communication to support new business functionality.

D.Introducing EJB into the suggested architecture would require having the services communicating with the EJB as if it was another service.

Correct Answers: C D

13: You have been tasked with Web-enabling your backend order-entry services using J2EE technology. Your services are mainframe-based, and all have C APIs. All client access must be through the Web server, and all new business logic will be in EJB. Which two architectural solutions are appropriate for your new order-entry system? (Choose two.)

A.wrap J2EE technology around the existing services

B.wrap the existing services around J2EE technology

C.have JSP use Java objects to make EJB business calls

D.put the business logic in Java objects called by JSP, and have the JSP make EJB business calls

Correct Answers: A C

14: A telemarketing company is building an enterprise system to allow the sales staff to access contact information over an intranet. All of the contact information is stored in a legacy system

and can only be accessed using a VT100 terminal session. You must create an architecture to access that legacy system.

Which component should you use to encapsulate access to the legacy system?

A.a Java class that uses a screen-scraping tool to interact with the legacy system

B.a distributed CORBA object that uses IIOP to interact directly with the legacy system

C.an EJB session bean that uses JMS to send asynchronous messages to the legacy system

D.an EJB entity bean that uses container-managed persistence to encapsulate the legacy system

Correct Answers: A

15: You have been tasked to create an architecture which has EJB making calls on legacy services. The legacy services all run on UNIX machines and provide Java network APIs. Each invocation on the EJB must be in a transaction.

How can the EJB transaction adhere to the ACID properties when making a legacy service call?

A.let the EJB container manage the transaction

B.make sure the EJB is an entity bean and have the state automatically managed

C.have the EJB monitor the service call completion and roll back the EJB state if necessary

D.mark the EJB as Container Managed Transaction and have the bean demarcate the transaction

Correct Answers: C