Vendor: Oracle

Exam Code:1Z0-807

Exam Name: Java EE 6 Enterprise Architect Certified Master

Version: Demo

QUESTION 1

The integration team has reported a problem in testing a few deployed MDBs. By design, each MDB listens to one of four named queues. Two producers write messages to each queue. The test issues messages of the same payload type that each producer will send, but varies the number or size of these messages to measure the messaging server\\'s performance.

The team has noticed that the utilization remains at the same high rate any time the test writes messages destined for the third MDB. The message server log does not reveal any failure in sending messages to this MDB. Which anticipation expresses cause for this condition?

A. Hot Potato

B. Leaky Abstraction

C. Cache less Cow

D. Golden Hammer

Correct Answer: A

QUESTION 2

Your company is considering migrating a persistence module, originally implemented as CMP entity beans, to now use JPA.

Which two statements are true?

A. Each CMP entity bean can be mapped to a single JPA entity class.

B. The client code that accesses the CMP entity beans does not have to change.

C. IPA cannot capture all the kinds of relationships supported by CMP entity beans.

D. The resulting IPA persistence module can be used on both the client and the server.

E. The JNDI name of a JPA entity class can be customized to match that of the corresponding CMP entity bean.

F. Remote clients of the CMP entity beans must start using web services to access the JPA entity classes on the server.

Correct Answer: AD

QUESTION 3

You are the architect for a patient management system with an HTMLUI. Currently, it is used by ward nurses who access the system using dockable tablet computers. The application uses the HttpSession object to store information. In phase two of the implementation, nurses will also have access through smart phones. These phones will use a native client rather than HTML, and will access the same business logic using a Web service.

Which two are optimal methods to manage conversational state in the new version of the system?

A. The HTML UI and native clients both use HttpSession objects.

B. The HTML UI and native clients both use stateful session beans.

C. The HTML UI and native clients both use stateless session beans.

D. The HTML UI uses an HttpSession object, native clients create a session management object.

E. The HTML UI and native clients both use singleton beans.

Correct Answer: BD

QUESTION 4

You are asked to propose a software deployment strategy that will reduce a client will also make deploying and testing their software stack more efficient.

Which element would you include in your proposal?

A. Vertically scalable platform

B. Horizontally scalable platform

C. Virtualized platform

D. Standard unit testing software

Correct Answer: C

QUESTION 5

You have been recruited by an online retailer of footwear to conduct a review of their online systems. Your primary Finding is that the development team has implemented duplicated complex business logic as Java scripts directly into the JSPs, causing performance, scalability, and maintainability issues.

Which two design patterns would you select to improve the current code base?

A. View Helper

B. From Controller

C. Composite View

D. Service-to-Worker

E. Business Delegate

Correct Answer: BD

QUESTION 6

A successful web application is used by over two hundred thousand users. Due to this substantial load, the database is over bridged and fails frequently. All data, included critical user records and temporary session data, is stored in the database. Because of resource constraints, a new database system cannot be installed.

Which change will reduce the load on the database?

A. Creating more entity beans to optimize interaction wild the database

B. Refactoring the web application to use DAOs to communicate with the database

C. Refactoring the web application to store temporary session data on the web servers

D. Adding more web servers to the web tier to distribute the load and reduce the number of transactions on the database.

Correct Answer: C

QUESTION 7

Which two are primary concerns for a service-oriented architecture (SOA)?

A. Low cohesion

B. Loose coupling

C. Session handling

D. Well defined contracts

Correct Answer: BD

QUESTION 8

StockTeller is a Java-based application designed to retrieve the current market for a portfolio of publicly listed stocks. You have been tasked to design a bolt on module for StockTeller called EBroker, a Java E- based online application that needs to asynchronously communicate with StockTeller to retrieve market prices for securities in a secure manner.

Which web service technology would you choose to integrate StockTeller into the EBroker application?

A. JAX-WS using HTTP

B. JAX-WS using HTTPS

C. JAX-RPC using HTTP

D. JAX-RS using HTTPS

Correct Answer: B

QUESTION 9

An online library wants to introduce a feature where an email notification is generated whenever a book becomes available for circulation. This notification must be sent to only those members who have expressed interest in that book.

Which design pattern would you use to implement this requirement?

A. Observer

B. Payload Extractor

C. Asynchronous Resource Integrator

D. Web Service Broker

E. Service Starter

Correct Answer: A

QUESTION 10

You are implementing an online music that will store and play a user\\'s collection of songs. You want users to rate their songs and view the top songs from friends. All queries must complete in four seconds or less.

Which approach would meet the response time requirement with minimal overhead?

A. Java class that uses JDBC with embedded SQL

B. Java class that uses an optimized stored procedure

C. JPA entity class with a lazy fetching strategy

D. JPA entity class with an eager fetching strategy

Correct Answer: B

QUESTION 11

Your company requires all its developers to use a well-specified set of exception classes to model several common error conditions, many of the which are specific to its business. These exception classes are centrally maintained and come packaged in a library (a JAR file). The application you are developing needs to report a number of error conditions covered by this library to remote clients.

Which paring of component type and remote access technology enables client applications to use the predefined exceptions as part of their natural programming model?

A. Servlet accessed using HTTP

B. Entity bean accessed using web services

C. Stateless session bean accessed using Remote Method Invocation (RMI)

D. Message-driven bean accessed using Java Message Service (JMS) queue

Correct Answer: C

QUESTION 12

Which two statements are true about RESTful web services?

A. They can be both stateful and stateless.

B. They support the use of AJAX in web applications.

C. They are often similar than their Simple Object Access protocol (SOAP) equivalents.

D. They are independent of the transport protocol.

E. They support Remote Procedure Call (RPC) and message-Oriented Middleware (MOM) integration styles.

Correct Answer: BC