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QUESTION & ANSWER

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Exam : **000-154**

Title : Web Developer

Version : DEMO

1.EJB clients must supply which two of the following pieces of information in order to use JNDI services?

A.The IP address of a Web container

B.The DataSource name for a JDBC database

C.A provider URL detailing the location of the name tree

D.The class name of the initial context factory

Correct:C D

2.When the JMS API is used, which two subtypes of javax.jms.Message are most appropriate for sending a message to a consumer that is not a Java client?

A.BytesMessage

B.MapMessage

C.ObjectMessage

D.StreamMessage

E.TextMessage

Correct:A E

3.In the JMS API for the publish-subscribe domain, how does a durable subscriber differ from a non-durable subscriber?

A.Messages in topics that have durable subscribers remain in the topic until they expire or the subscriber connection to the JMS provider is closed.

B.If a durable subscriber becomes disconnected without unsubscribing and later reconnects, the subscriber receives messages that arrived while the subscriber was not active.

C.If a topic has a durable subscriber, the JMS provider logs all messages in a persistent media so that an application can inspect the log and extract messages at a later time.

D.The application server delivers each message in a transactional context so that if a durable subscriber then rolls back the transaction, the state of the message reverts to that prior to delivery.

Correct:B

4.Which of the following is NOT a message transfer protocol?

A.POP

B.SMTP

C.IMAP

D.MIME

Correct:D

5.Which two of the following are NOT parts of the J2C Version 1.0 Common Client Interface?

A.ConnectionFactory

B.ConnectionException

C.ResultSetMetaData

D.TransactionFactory

E.ResultSet

Correct:B D

6.What is best method for obtaining a home interface for a bean named Employee?

A.Context initCtx = new InitialContext(System.getProperties()); Object o = initCtx.lookup("EmployeeHome"); EmployeeHome empHome = (EmployeeHome) javax.rmi.PortableRemoteObject.narrow(o, EmployeeHome.class);

B.Context initCtx = InitialContext.getDefaultContext(); Object o = initCtx.lookup("EmployeeHome");

EmployeeHome empHome = (EmployeeHome) javax.rmi.PortableRemoteObject.narrow(o, EmployeeHome.class);
C.Context initCtx = new InitialContext(System.getProperties()); EmployeeHome empHome = (EmployeeHome) initCtx.lookup("EmployeeHome");
D.Context initCtx = InitialContext.getDefaultContext(); EmployeeHome empHome = (EmployeeHome) initCtx.lookup("EmployeeHome");

Correct:A

7.Given a JDBC data source named myDataSource, which of the following establishes a JDBC connection?

A.Connection con = new Connection(myDataSource);
B.Connection con = myDataSource.getConnection();
C.Connection con = ConnectionManager.getConnection(myDataSource);
D.Connection con = myDataSource.open();

Correct:B

8.When a context throws a NamingException, which of the following methods can be used to determine which portion of the JNDI name is valid?

A.NamingException.resolvedObj()
B.NamingException.remainingName()
C.NamingException.resolvedName()
D.NamingException.getRootCause()

Correct:C

9.From the perspective of an EJB client, what types of EJBs will always be unique for every create() call?

A.Entity
B.Stateless Session
C.Stateful Session
D.Message-Driven

Correct:A C

10.Refer to the exhibit to answer the question. Consider the Employees relation defined in the exhibit and the Java code segment defined below: Statement s = con.createStatement(); ResultSet rs = s.executeQuery("SELECT * FROM Employees " + "WHERE EmployeeID >= 10002 AND " + "EmployeeID <= 10004"); Which code segments display the entire content of the result set assuming that columns EmployeeID and Extension are of SQL type SMALLINT and column Name is of SQL type VARCHAR?

Employees Relation

EmployeeID	Name	Extension
10001	James Roos	354
10002	Carlos Ventura	365
10003	Marsha Roberson	324
10004	D. Erik Algood	203
10005	Denise Lane	434

A.do { System.out.println(rs.getShort("EmployeeID")); System.out.println(rs.getString("Name")); System.out.println(rs.getShort("Extension")); } while (rs.next())

B.do { System.out.println(rs.getString("EmployeeID")); System.out.println(rs.getString("Name")); System.out.println(rs.getString("Extension")); } while (rs.next())
C.while (rs.next()) { System.out.println(rs.getString(1)); System.out.println(rs.getString(2)); System.out.println(rs.getString(3)); }
D.while (rs.next()) { System.out.println(rs.getString(0)); System.out.println(rs.getString(1)); System.out.println(rs.getString(2)); }
E.while (rs.next()) E.while (rs.next()) E.while (rs.next()) { System.out.println(rs.getString("EmployeeID")); System.out.println(rs.getString("Name")); System.out.println(rs.getString("Extension")); }

Correct:C E

11.Refer to the exhibit to answer the question. Consider the Products relation defined in the exhibit. What is the result of attempting to execute the following Java code segment assuming con is a valid reference to an open Connection object? 1. PreparedStatement ps = con.prepareStatement(2. "SELECT * FROM Products WHERE " + 3. "Cost < ?"); 4. 5. ps.setDouble(0, 10f); 6. 7. ResultSet rs = ps.executeUpdate(); 8. rs.next(); 9. System.out.print(rs.getString(1)); 10. System.out.println(rs.getString(2));

Products Relation

ProductID	Description	Cost	Price
1001	Flyback Transformer	8.00	14.99
1002	17" CRT	42.00	85.99
1003	10" Color LCD 640x480	12.50	24.99
1004	Grounding Strap	0.15	3.99
1005	Wiring Loom For 1003 Color LCD	1.10	11.99

A.The code segment displays "1001 Flyback Transformer".
B.The code segment displays "1004 Grounding Strap".
C.The code segment displays "Flyback Transformer 8.0".
D.The code segment displays "Grounding Strap 0.15".
E.No output is displayed due to a runtime error.

Correct:E

12.Which two of the following scenarios are better modeled in the JMS point-to-point domain than in the JMS publish-subscribe domain?

A.A store sends a shipping order to a warehouse to request delivery of a purchased item to a customer.
B.Headquarters of a chain of stores sends messages that contain price update information to several stores that consume messages independently.
C.Many sports teams post scores so that fans can see the latest results for their favorite teams.
D.A client application sends insurance policy data to an application that calculates insurance premiums, and waits for the response.

Correct:A D

13.Where would an EJB reference be found if it were placed in the JNDI location recommended in J2EE 1.3?

A.java:comp/env/ejb
B.java:comp/ejb
C.java:ejb
D.java:env/ejb

Correct:A

14.Assuming variable env is a reference to a hashtable containing the parameters necessary to obtain the JNDI initial context, which of the following obtains a JDBC data source named MyDataSource?

A.DataSource ds; try { ctx = new InitialContext(env); ds = (DataSource) ctx.lookup("MyDataSource"); } catch (NamingException ne) { }

B.DataSource ds; try { ctx = new InitialContext(env); ds = (DataSource) ctx.getConnection("MyDataSource"); } catch (NamingException ne) { }

C.DataSource ds; try { ctx = new InitialContext(env); ds = (DataSource) ctx.getNameInNamespace("MyDataSource"); } catch (NamingException ne) { }

D.DataSource ds; try { ctx = new InitialContext(env); ds = (DataSource) ctx.getURLOrDefaultInitCtx("MyDataSource"); } catch (NamingException ne) { }

Correct:A

15.Consider an EJB named Employee and its home interface named EmployeeHome. The findByDepartment method of the EmployeeHome interface is most likely to have a return value of which of the following types?

A.Employee

B.EmployeeHome

C.Employee

D.Collection

Correct:D

16.A running Filter must call what method in order to ensure that the next filter in the filter chain is called?

A.Servlet.doFilter(Request,Response);

B.FilterChain.doFilter(Request,Response);

C.Filter.doFilter(Request,Response);

D.Servlet.doChain(Request,Response);

E.Filter.doChain(Request,Response);

F.FilterChain.doChain(Request,Response);

Correct:B

17.A client has accessed a servlet via a form that uses an HTTP POST request. Which two methods could be used by the servlet to obtain information input within the form?

A.Using the servlet object's getServletInfo method

B.Using the request object's getAttribute method

C.Using the request object's getParameter method

D.Using the ServletConfig's getInitParameter method

E.Using the request object's getParameterValues method

F.Using the request object's getAttributeValues method

Correct:C E

18.Which method would be used to call a registered servlet with the following attributes? Site = www.jcert.org Web application name = testApp Servlet URI = TestServlet

A.getServletConfig().getServletContext().getRequestDispatcher("http://www.jcert.org/testApp/TestServlet").forward(req,res);

B.getServletConfig().getServletContext().getRequestDispatcher("/testApp/TestServlet").forward(req,res);

C.getServletConfig().getServletContext().getRequestDispatcher("/TestServlet").forward(req,res);
D.getServletConfig().getServletContext().getRequestDispatcher("TestServlet").forward(req,res);
Correct:C

19.Which of the following is considered the best way to design a flexible API that does not require a servlet per activity?

A.Embed the activity name in a hidden field. Let the servlet read the field to determine what must occur.
B.Create a query string containing the activity name as a parameter. Let the servlet read the parameter to determine what must occur.
C.Use a servlet mapping to make requests with the same suffix. Change the prefix to the action and let the servlet read the whole URL to determine what is required.
Correct:C

20.Which three of the following may be contained in a WAR file?

A.Enterprise JavaBeans
B.Servlets
C.JavaServer Pages
D.Applets
E.Client-side Java applications
Correct:B C D