



Free Questions for 1Z0-900 by dumpshq

Shared by Jensen on 24-05-2024

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Question 1

Question Type: MultipleChoice

Given the code fragment:

```
// line 1
public class DataConverter
    implements AttributeConverter<LocalDate, Date> {
    //implementation
}

@Entity
// line 2
public class Customer {
    // line 3
    private localDate birthday;
    //remaining implementation
}
```

How can you apply DateConverter to the birthday field?

Options:

A- by adding @Convert(to=Date.class) at line 3

B- by invoking the `setConverter(DateConverter.class)` method on the `EntityManager` object

C- by adding `@Converter(autoApply=true)` at line 1

D- by adding `@Convert((DateConverter.class))` at line 2

Answer:

A

Question 2

Question Type: MultipleChoice

Given the code fragments:

```
//line 1
public class ContactId implements Serializable {
    private String countryCode;
    private String phoneNumber;
    // remaining implementation
}
```

```
@Entity
//line 2
public class Contact implements Serializable {
    @NotNull
    @Id
    protected String countryCode;
    @NotNull
    @Id
    protected String phoneNumber;
    // remaining implementation
}
```

Which action completes this composite primary key implementation?

Options:

- A- Add @IdClass annotation at line 1.
- B- Add @Embeddable annotation at line 1 and replace both @Id annotations with @EmbeddedId annotations.
- C- Add @IdClass(ContactId.class) annotation at line 2.

D- Add @Embeddable annotation at line 1 and @EmbeddedId(ContactId.class) at line 2.

Answer:

D

Question 3

Question Type: MultipleChoice

Given the code fragment:

```
<servlet-mapping>  
  <servlet-name>firstServlet</servlet-name>  
  <url-pattern>/*</url-pattern>  
</servlet-mapping>
```

```
<servlet-mapping>  
  <servlet-name>secondServlet</servlet-name>  
  <url-pattern>/</url-pattern>  
</servlet-mapping>
```

```
<servlet-mapping>  
  <servlet-name>thirdServlet</servlet-name>  
  <url-pattern>/</url-pattern>  
</servlet-mapping>
```

When the context root is requested `http://host:port/context`, how does the container resolve this mapping?

Options:

- A- thirdServlet handles the request.
- B- firstServlet handles the request.
- C- The container throws an error at startup.
- D- secondServlet handles the request.

Answer:

C

Question 4

Question Type: MultipleChoice

When handling a JSF request, your application code decided to redirect the call to another URL by using HTTP redirect. Which action should you take to correctly complete the handling of the JSF life cycle?

Options:

- A- Set the immediate="true" attribute on the command button that was used to perform this call.
- B- Invoke the dispatch() method on the ExternalContext object.
- C- Invoke the setCurrentPhaseId(RENDER_RESPONSE) method on the FacesContext object.
- D- Invoke the responseComplete() method on the FacesContext object.

Answer:

C

Question 5

Question Type: MultipleChoice

Given the code fragments:

```

@Stateless
public class HRService {
    @PersistenceContext(unitName="HRApp-PU")
    private Employee findEmployee(String badgeId) {
        return entityManager.find(Employee.class, badgeId);
    }
    public void updateEmployee(Employee emp) {
        //add code here
    }
}

@WebServlet(name="HR", urlPatterns={"/hr"})
public class HRServlet extends HttpServlet {
    @EJB
    private HRService hrService;
    public void doGet(HttpServletRequest req, HttpServletResponse res)
        throws ServletException, IOException {
        String badgeId = req.getParameter("badge");
        String name = req.getParameter("name");
        Employee emp = hrService.findEmployee(badgeId);
        emp.setName(name);
        hrService.updateEmployee(emp);
    }
}

```

What code should you add to the body of the updateEmployee method in order to save pending changes to the database?

Options:

A- entityManager.merge(emp);

B- Context. Ctx = new InitialContext();UserTransaction utx =
(UserTransaction)ctx.lookup("java:comp/UserTransaction");utx.begin();entityManager.merge(emp);utx.commit();
entityManager.lock(emp);EntityManager.merge(emp);

C- entityManager.getTransaction().begin();entityManager.merge(emp);entityManager.getTransaction().commit();

Answer:

B

Question 6

Question Type: MultipleChoice

Given:

```
public class AppException extends Exception {}

@Stateless
public class CustomerService {
    @TransactionAttribute(TransactionAttributeType.REQUIRED)
    public boolean addCustomer(int id, String name throws AppException {
        // assume database insert operation succeeds
        Customer c = insertIntoDB(id, name);
        if(id < 20) {
            throw new AppException();
        }
    }
}
```

If an exception is thrown inside the if block, what effect will it have on the transaction?

Options:

- A- The transaction will be committed.
- B- The transaction will be suspended.
- C- The transaction will be rolled back.

Answer:

C

Question 7

Question Type: MultipleChoice

Which URL represents an invalid approach to pass a parameter to a REST resource?

Options:

- A- <base-url>/Employees?value=1
- B- <base-url>/Employees&value=1
- C- <base-url>/Employees/1
- D- <base-url>/Employees;value=1

Answer:

D

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