Mod Exam 2 Mr. XXX Questions: 20 Total Time: 40 Minutes Start Time 10:02 AM Time Left: Minutes

1

Following are the steps required to **create a RequestProcessor** class specific to your web application. Which of the following indicates the correct sequence of the steps to achieve it?

1. Override the processPreprocess() method.

2. Add a default empty constructor to the RequestProcessor implementation.

**3. Create a class that** extends the org.apache.struts.action.RequestProcessor class.

4. Add a <controller> element to the application?s struts-config.xml file describing the new RequestProcessor.

1, 2, 3, 4

2, 3, 4, 1

**3, 2, 1, 4**

2, 4, 1, 3

2

You are trying **to create a custom converter** specific to your Web application. Can you arrange the steps in correct order?

1. Implement the getAsObject() method.

2. Register custom converter with faces context.

3. Use the converter tag in the JSP pages.

4. Implement the getAsString method.

5. Implement the Converter interface.

5, 1, 4, 3, 2

**5, 1, 4, 2, 3**

3, 2, 5, 1, 4

2, 1, 4, 3, 5

3

Following is a series of elements required to declare the navigation rules in JSF:

1. <navigation-rule>

2. <navigation-case>

3. </navigation-case>

4. <from-view-id>/login.jsp</from-view-id>

5. <from-outcome>login</from-outcome>

6. <to-view-id>/main.jsp<to-view-id>

7. </navigation-rule>

Which of the following indicates the correct sequence of the tags to achieve it?

1, 4, 7, 2, 5, 6, 3

2, 4, 3, 1, 6, 5, 7

**1, 4, 2, 5, 6, 3, 7**

1, 2, 4, 5, 6, 3, 7

4

Which of the following **are valid Action classes?**

**1. ForwardAction**

**2. IncludeAction**

**3. DispatchAction**

4. LookupAction

5. SwitchtoAction

1, 3, 5

2, 3, 4

**1, 2, 3**

1, 2, 5

5

Following is a series of elements required to describe the minimum actions that you must complete when creating a new Plugin.

1. Implement both the init() and destroy() methods and your implementation.

2. Add a <plug-in> element to the application's struts-config.xml file describing the new plugin.

3. Add a default empty constructor to the plugin implementation.

4. Compile the new Plugin and move it into the Web application's classpath.

5. Create a class that implements the org.apache.struts.action.Plugin interface.

Which of the following indicates the correct sequence of the steps to achieve it?

5, 2, 3, 1, 4

1, 2, 3, 4, 5

2, 5, 3, 1, 4

**5, 3, 1, 4, 2**

6

Which one of the following is the correct syntax to pass the parameter to the next page ?

**1. <h:commandLink action="#{beanName.actionMethodName}">**

**<f:param name="paramName" value="paramValue"/>**

**</h:commandLink>**

2. <h:commandButton action="#{beanName.actionMethodName}">

<h:param name="paramName" value="paramValue"/>

</h:commandButton>

3. <h:link action="#{beanName.actionMethodName}">

<f:parameter name="paramName" value="paramValue"/>

</h:link>

4. <h:commandLink action="#{beanName.actionMethodName}">

<h:argument name="paramName" value="paramValue"/>

</h:commandLink>

1

2

3

4

7

Following are the steps depicting the life cycle of ActionForm invoked by the RequestProcessor:

1. Pass FormBean to Action.

2. Populate the properties of the FormBean

3. Reset the properties of the FormBean

4. Validate the properties of the FormBean

5. Retrieve or Create Form Bean associated with the Action

6. Store FormBean in appropriate scope (request or session)

Which of the following indicates the correct sequence of the steps?

5, 1, 2, 3, 6, 4

1, 5, 6, 3, 2, 4

**5, 6, 3, 2, 4, 1**

1, 2, 3, 4, 5, 6

8

Which of the following are valid methods of a Plugin implementation?

1. public void init(ActionServlet servlet, ModuleConfig config)

**2. public void destroy()**

**3. public void init(ActionServlet servlet, ModuleConfig config) throws ServletException**

4. public void destroy() throws javax.servlet.ServletException

1, 2

2, 3

3, 4

1, 4

9

The benefits of the MVC architecture are

**1. Flexible Design.**

**2. Multiple ways of presentation.**

3. Centrally managed data.

4. Business service access encapsulated.

1, 2

1, 2, 3

2, 3, 4

3, 4

10

Which of the following Struts tag library is used for implementing simple **conditional logic** in a JSP page?

1. Struts bean tag Library

**2. Struts Logic tag Library**

3. Struts HTML Tag Library

1 and 2

1, 2, 3

Only 2

Only 1

11

Which one of the following methods contains **business logic of a Stru**ts application?

1. validate()

2. reset()

**3. execute()**

4. findForward()

1

2

3

4

12

The tag used to create a text box to accept a password is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

**1. <h:inputSecret>**

2. <h:inputHidden>

3. <h:inputPassword>

4. <h:inputText>

1

2

3

4

13

Which of the **following UI Component** acts as **a container for all other components**?

1. UIParameter

2. UIForm

**3. UIViewRoot**

4. UISelectItem

1

2

3

4

14

Which of the following statements are true about **the reset() method of ActionForm class**?

1. Sets all properties to their initial value

2. Sets all properties to null

3. Repopulates all properties from the request parameters

**4. None of the above**

1

2

3

4

15

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ declares a set of rules that define the next view for the user based on his/her actions.

**1. JSF Navigation Model**

2. JSF View Model

3. JSF Forward Model

4. JSF Model

1

2

3

4

16

Following is a series **of elements required** to **configure ActionServlet** class in web.xml file.

**1. <servlet-name> MyActionServlet </servlet-name>**

**2. <servlet-class> org.apache.struts.action.ActionServlet </Servlet-class>**

3. <servlet-class> MyActionServlet </servlet-class>

Which of the following indicates the correct sequence of the elements?

1, 3

**1, 2**

2, 3

17

Following are the steps carrried out in **the life cycle of a Struts application**. Which of the following is the correct sequence of the steps?

1. Initially the user sends a request to the controller servlet through a view.

2. The controller servlet looks up the requested URI in the XML configuration file and determines the name of the Action class that will process the business logic.

3. The Action class acts on the model component as per the application?s logic.

4. On completion of processing the request, the Action class returns the results to the ActionServlet class.

5. Based on the results provided, ActionServlet class decides which view to be forwarded with these results.

6. The selected view displays the result thus completing the request ? response cycle.

**1, 2, 3, 4, 5, 6**

2, 3, 4, 1, 6, 5

5, 2, 1, 3, 4, 6

4, 3, 1, 5, 6, 2

18

You want to add a **<plug-in>** element, for a plugin class named MyPlugin, to the application?s struts-config.xml file. Which one of following will help you achieve this?

1. <plugin classname="MyPlugin"> MyPlugin </plugin>

**2. <plug-in classname="MyPlugin"> MyPlugin</plug-in>**

3. <plug-in classname="MyPlugin"/>

4. <plugin classname="MyPlugin"/>

1

2

3

4

19

Which of following are the correct ways of configuring **JSF tag library in a JSP page**?

**1. <%@ taglib uri="http://java.sun.com/jsf/html" prefix="html" %>**

2. <%@ taglib uri="http://java.sun.com/jsf/html" %>

**3. <%@ taglib uri="http://java.sun.com/jsf/html" prefix="h" %>**

4. <%@ taglib prefix="html" %>

1, 2, 4

1, 3, 4

**1 and 3**

2 and 4

20

Which of the following components form a part of Struts view layer?

**1. Multimedia Files**

**2. Message Resource Bundles**

**3. Form Beans**

1 and 3

1 and 2

2 and 3

**1, 2, 3**

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