**PRIME FACES CHAPTER 3**

**MCQ & DESCRIPTIVE**

1. **What is input mask?**

Ans: input Mask minimize the chances for the user to input incorrect data. It applies client-side validation. P-54.

1. **What is the asterisk (\*) character?**

Ans: the asterisk character use to represent an alphanumeric character to be input by the user, which could be A to Z, a to z, or 0 to 9. P-55.

1. **What is the auto Complete component? P-56**

Ans: the auto complete component provides suggestion while you type into the input field. It enable users to quickly find and select from the list of looked-up values as they type.

1. **What is input text Area? P-59.**

Ans: input text area is an extension to the HTML <text area> component with special capabilities such as auto-growing, auto-resizing , and remaining-character count.

1. **What is <selectBooleanCheckbox> and <selectManyCheckbox>? P-60.**

Ans: selectBooleanCheckbox and selectManyCheckbnox extend the default JSF components <h: selectBooleanCheckbox> and <h: selectManyCheckbox> respectively to provide skinning.

1. **What is Basic and advanced calendar scenarios? P-62**

Ans: the calendar component is used to provide date input with customizable features such as localization, paging of months and restriction mechanisms on the date selection.

1. **What is a Spinner? P-67**

Ans: A spinner is an input component that provides a numerical input via increment and decrement buttons.

1. **What is slider component? P-69.**

Ans: the slider component provides the ability to the user to input a value by using a slider bar. The component requires an input component to work properly.

1. **What is Rich text editing with editor?P-71**

Ans: editor is an input component that provides rich text editing features. It contains a toolbar that can also be configure with custom controls to provide more functionality to the user.

1. **Write the available controls of Rich text editor? P-72.**

Ans: align left, align right, bold , bullets ,center ,color, copy, cut ,font, highlight,image,indent, italic ,justify ,link , numbering , out dent, paste, paste text, etc.

1. **Which character use to make a part of the mask optional? P-55.**
2. **?**
3. –
4. +
5. /

Ans: a

1. **By which language input Mask component decorates the input text? P-54.**
2. **JavaScript**
3. Html
4. CSS
5. None

Ans: a

1. **Input mask …….the chances for the user to input incorrect data. P-54.**
2. **Minimizes**
3. Maximized
4. None
5. A and B

Ans: a

1. **The attribute of input mask are p-54,55**
2. **Mask ,placeholder**
3. Mask ,data
4. None
5. A and B

Ans: a

1. **With auto complete ,it also possible to select multiple items by setting the multiple attribute to true.**
2. **True**
3. False

Ans: a

1. **How many default controls have the Rich text editor?P-72**
2. **Three**
3. Four
4. One
5. Five

Ans: a

1. **The default controls of rich text editor are. P-72**
2. **Bold italic strikethrough**
3. None
4. Bold copy paste

Ans: a

1. **The in place component provides …….. editing and inline content display.P-74**
2. **Easy in-place**
3. Default
4. None
5. A and B

Ans: a

1. **The password component is an extended version of the ………. Component. P-76.**
2. **JSF <h:inputSecret>**
3. HTML <input type=”password”>
4. A and b
5. None

Ans: a

1. **The rating component provides star-based rating with the ability to select and ……. P-78**
2. **Cancel**
3. Edit
4. Update
5. Block

Ans: a

**Chapter 1**

**Description**

1. **What is PrimeFaces?(p 8)**

Ans : PrimeFaces is a lightweight JSF component library with one JAR file, which needs no configuration and does not contain any required external dependencies.

1. **What is Maven?(p 8)**

Ans : Maven retrieves the PrimeFaces library by defining the Maven repository in the (POM) file.

1. **How to declare repository ?(p 8)**

Ans:

<repository>

<id>Prime-repo</id>

<name></name>

<url></url>

</repository>

1. **How to declare dependence ?(p 8)**

Ans :

< dependence >

<group-id>Prime-repo</ group-id>

<artifactId></ artifactId >

<version></ version >

</ dependence >

1. **Write the namespace of primeFaces component?(p 9)**

Ans : i) xmlns: p=”http://primefaces.org/ui”

ii) xmlns: p=”http://primefaces.org/mobile”

1. **Which requirements is mandatory is PrimeFaces?(p 10)**

Ans : a. Java 5+ runtime

b. JSF 2.x implementation

1. **Write the list of Key Word that are use for partial update ?(p 11)**

Ans : Those key words are

1. @this
2. @parent
3. @form
4. @none
5. @all
6. **How to update different from component?(p 12)**

Ans : We can update different from component By use : than form id than : than component id

Example : <p:commendButton update=”:form2:display”/>

1. **Why we use internationalization?(p 14)**

Ans : internationalization emphasizing that the web application should support multiple languages.

1. **Why we use localization?(p 14)**

Ans : It is use to starting the texts, dates, or any other fields should be presented in the form specific to a region.

**MCQ**

1. **POM Stands for-(p.8)**
2. Project Object Model
3. **Which one is primeface namespaces (select two)-(p.9)**

i) xmlns: p=”http://primefaces.org/ui”

ii) xmlns: p=”<http://primefaces.org/mobile>”

1. **In primefaces iText is optional-(p.10)**
2. True
3. **PPR Stands for-(p.11)**
4. Partial Page rendering.
5. **PrimeFaces are based on (any two)-(p.11)**
6. JQuery
7. JavaScript
8. **What is @this keyword means (any two)-(p.11)**
9. The component that triggers the PPR is Update
10. **What is the meaning of (i18n) -(p.14)**
11. Internationalization
12. **What is the meaning of (l10n) -(p.14)**
13. Localization
14. **JSF use \_\_\_\_\_\_ as the separator for the Naming Container interface.(p 13)**
15. : (colon)
16. **For internationalization where we specify resource bundle definition.(p 14)**
17. Faces-config.xml

**MCQ: Ch-8**

**Q1:From where enhanced drag-and-drop? ( p-196)**

Ans: AJAX

**Q2:Handle option is a? ( p-199)**

Ans: jQuery selection

**Q3:Restricting dragging by-----?( p-201)**

Ans: axis, grid, and containment

**Q4:How many option for snapping behavior for configurable?( p-203)**

Ans: Two

**Q5:Possible values of snapMode? (p-204)**

Ans: Inner, outer and both

**Q6:Current element an jQuery object? (p-206)**

Ans: ui:draggable

**Q7:Used for ui.offset Is which? (p-206)**

Top, left

**Q8:How many models are tolerance? (p-209)**

Ans: Four

**Q9:Draggable should overlap the droppable by any component. Which is similar---? (p-209)**

Ans: touch

**Q10:Which is similar to p:droppable? (p-209)**

Ans: hoverStyleClass

**DESC: Ch-8**

**Q1:What is drag-and-drop?p-196**

Ans: Drag-and-drop is an action, meaning grabbing an object and dragging it to different location.

**Q2: What is the benefit of drag-and-drop ? (p-196)**

The drag-and-drop utilities in primeface allow us to create draggable and droppable user interface efficiency and it is highly configurable.

**Q3: Describe the draggable panels ? (p-200)**

There are three draggable panels which are as follow---

First: Panel can be dragged only horizontally,

Second: Panel can be dragged only vertically,

Third: the third panel dragged on a grid.

**Q4: What is Snapping behavior, How many option for config? (p-203)**

The snapping behavior is actually by setting the attribute snap to true. It has two option for config- snapMode And snapeTolerance.

**Q5:What is snapeTolerance?(p-203)**

The snapeTolerance determines a distance in pixel the draggable component must be from the element when snapping is invoked.

**Q6:Write down some ui ?(p-206)**

* Ui.draggable
* Ui.helper
* Ui.position
* Ui.offset

**Q7:Define fit, intersect?(p-206)**

fit: Draggable component should overlap the droppable component entirely

intersect: Draggable component should overlap the droppable component by at last 50 percent.

**Q8:What is the drop event?(p-210)**

It invoked by passing an event instance of the type org.primfaces.event.DragDrop as a parameter.

**Q9: Describe the iteration of Drag-and-Drop?(p-217)**

The drag–and-Drop iteration components extend javax.faces.component.UIData.

**Q11: Define two style classes with p:dropable?(p-217)**

* activesstyleClass set to ui-state-default.
* hoverStyleClass set to ui-state-hover.

**Q12:Show a Drag-and-Drop tag?(p-217)**

*Drag:*

<p:panel>

<p:outputText/>

</p:panel>

<p:draggable for=”pan”>

</p:draggable>

*Drop:*

<h:panelGroup layout=”block”>

<p:dropable tolerance=”pointer” />

</h:panelGroup>

**Primeface chapter-07**

**1) Which component provides a file upload mechanism? P-177**

Ans-

a )fileUpload

b) fileDownlod

c) web.xml file

d) fileExit

**2) The primeface fileUpload Filter must be defined in-----? P-178**

Ans:-

a) web.xml file

b) web.html file

c) web.txt file

d) web.exe file

**3) The filter has two default settings, which are threshold----------and---------? P-178**

Ans:-a) temporary file upload location

b) size

c) size and temporary file download location

d) size and temporary file upload location

**4) thresholdSize parameter sets the minimum size in bytes for---------? P178**

ans:-

a) files

b) folder

c) zif file

d) exe file

**5) uploadDirectory parameter sets the directory used to -----------store those files ? p-178**

ans:

a) permanently

b) temporarily

c) shortly

d) defly

**6) if the files are smaller than the thresholdSize parameter they will be stored in the memory .**

this statement is true or false ? p178

Ans:

a) true

b) false

**7) which attribute is used to handle the upload file ? p-179**

ans: -

a) fileUpload

b) UploadListener

c) fileListener

d) fileUploadListener

**8) when a file is selected or dragged-and-dropped, it will not be upload automatically . this statement is true or false** ??

ans:-

a) true

b) false

**9) which attribute is used to restrict the maximum file upload size ? p-181**

ans:

a) size attribute

b) sizeUnimit attribute

c) sizeLimit attribute

d) size attribute

**10) fileUpload component supports which methods when the upload process starts and ends ? p-181**

ans:-

a) hooking custom javaScript attribute

b) hooking custom javaScript methods.

c) hooking javaScript methods.

d) hooking custom html methods.

**Descript question:**

1. **How to uploading multiple files? p-181**

**Ans:** Setting the multiple attribute to true enables multiple upload for the advanced file upload component. In multiple mode, files get uploaded in the selected order and the method bound with the fileUploadListener attribute gets called for each uploaded file.

<p:fileUpload id="multipleUpload" value="#{fileController.file}" multiple="true"

fileUploadListener="#{fileController.handleFileUpload}" />

1. **How to Limiting maximum files size? p-181**

**Ans:** With the sizeLimit attribute, it's possible to restrict the maximum file upload size. The following definition limits the file size to a maximum of 10 KB.

<p:fileUpload fileUploadListener="#{fileController.handleFileUpload}" sizeLimit="10240" />

1. **How to Restricting file upload by type ? p-180**

**Ans:** The fileUpload component allows us to restrict the file selection only to the types configured with the allowTypes attribute. The allowTypes attribute accepts a JavaScript regular expression that will be used to match against the name of the file to be uploaded. The following definition only accepts image files with an extension gif, jpg, jpeg, or png:

<p:fileUpload fileUploadListener="#{fileController.handleFileUpload}"

allowTypes="/(\.|\/)(gif | jpe?g | png)$/" />

**1. What is file upload?**

Ans: fileUpload component provides a file upload mechanism with enhanced features as compared to the basic HTML <input type="file"> file upload definition.

**2. How simple file upload component within a form definition?**

The simple file upload component within a form definition is as follows:

<h:form enctype="multipart/form-data">

<p:fileUpload value="#{fileController.file}" mode="simple" />

<p:commandButton value="Submit" ajax="false"/>

</h:form>

**3. Write about file download progress is non-AJAX process?**

• Since file download progress is non-AJAX, the ajax attribute for PrimeFaces command components that are used for wrapping the fileDownload component, should be set to false.

• File download is a non-AJAX process,

• monitorDownload method. This method will trigger two methods, showStatus and hideStatus, when the download process occurs.

**4..what is Image cropper?**

Ans: imageCropper component provides image cropping functionality by allowing to us crop a certain region of an image, which could either be a local image or an external image

**5 .what is transition effect?**

Ans: The effect attribute can have the values fade (the default), flash, pulse, or slide. The effectSpeed attribute can also be used to decide on the duration of the transition. Its default value is 800 milliseconds.

# Chapter 2 - MCQ

1. **How much way to style information?**
   1. Two way is Structural or component specific and skinning (page 26)
2. **What is tooltip?**
   1. It has a toolbar with tabs and a small icon having the tooltip Click an element in the page to inspect.(page 26)
3. **What is real behave of ui-picklist-list and ui-picklist-source?**
   1. This two attribute are generated by prime faces and provide semantic presentation to indicate the role of an element.
4. **What is real behave of ui-widget-content and ui-corner-all?**
   1. This two style classes in the proceeding listing are defined by ThemeRoller and they affect the look and feel.
5. **What is maven?**

Maven is a repository and this is collection of all necessary library. This is a process to build our project. Where we need not to deploy our necessary library.p-30

1. **Where are we declare our repository and dependency element?**
   1. Pom(Project Object Model).xml
2. **Way to declare dependency element?**
   1. <dependency>

<groupId></groupId>

<artifactId></artifactId>

<version></version>  
</dependency>

1. **Way to declare repository element?**
   1. < repository >

<id></ id >

<name></ name >

<url></url>  
</ repository >

1. **Where are we declaring THEME context parameter in our project?**
   1. Deployment descriptor(Web.xml) p-31
2. **Way to declaring a THEME context parameter?**
   1. <context-param>

<param-name>primfaces. THEME</param-name>

<param-value>home</param-value>  
</context-param>

1. **What is the name of build in default theme of PrimeFaces?**

*Aristo* **(p-31)**

1. **What is the necessary sub-element of p:tree element?**

p:treeNode (page-33)

1. **What is the !important keyword?**

We use the !important keyword to set a fixed width for the container and the label of selectOneMenu (page-35)

1. **What is the name of default style class for style input field?**

ui-inputfield

1. **What is the default shadow of primefaces input element?**

Box-shadow (p - 38)  
**15. Which classes are contain ui-inputfield?**

.ui-state-default, .ui-state-disabled, .ui-state-error, .ui-state-focus, .ui-corner-all (page 39)  
**16. Which class we use for change fonts globally?**

* 1. .ui-widget (page-40)

**17. What is VML?**

* 1. Vector Markup Language

**Descriptive Ch-4**

**1.What is Panel? (P-81)**

Ans: panel is a generic grouping component for JSF components, with features such as toggling, closing a built-in pop up menu and AJAX event listener.

**2. Write the basic definition for the panel?(P-82)**

Ans: <p:panel id=”simple” header=”Anything” footer=”abcd”>

<h:outputbox value=”A quick brown fox jumps over the lazy dog ”/>

</panel>

**3. Why panel Grid is Used with colspan and rowspan? (P-84)**

Ans: The panelGrid Component extend the JSF <h:panelGrid> component With support of colspan, the number of columns a cell should span. And rowspan, the number of rows a cell should span and the theming ability.

**4. What Is accordionPanels? (P-87)**

Ans: accordionPanel is a container component that provides the ability to group multiple tabs.

**5. What is Dynamic Tabbing?**

Ans: Dynamic tab loading allows us to load the content of the accordion panel dynamically, by providing a data model.

**6. Write about Orientation of the Tabs.(P-92)**

Ans: Orientation of the tabs can be set with four position top, bottom, left and right. By default the orientation for the tabs is top.

**7. What is transition effects? Write some possible values of effects.**

Ans: Effect can be applied for content transition between the tabs, with the effect attribute. The possible values are…

1. blind, b. clip, c. drop, d. explode e. fade f. fold

g. puff h. scale i. slide

**8. What Is toolbar?**

Ans: Toolbar is horizontal grouping component that can be used for grouping commands and others components. By default toolbar has two default placeholders, left and right.

**9. How many units contain border layout model?(P-99)**

Ans: The border layout model contain five unites. Such As:

a. top(North), B. left(west), c. center, d. right(East), e. bottom(south)

**MCQ Ch\_04()**

1. **The toggling speed can be adjustable? (P-82)**

a.true

1. **What is the default value of togglespeed attribute? (P-82)**

a.1000 Millisecond.

1. **p:row and p:column component used for……….(P-85)**
2. to provide column and row spanning on the grid
3. **What is the Default value of multiple attribute? (P-88)**

a.false

**5 .There is limitation to put component inside the toolbarGroup Component.(P-94)**

a.false

**6. Why separator component is used?(P-94)**

a.it is used for visually separating the components from each others.

**7.The Layout component can have the resizable, closeable, and collapsible attribute??(P-99)**

a. true.