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.

2. **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 0to 9 . P-55.

3. **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.

4. **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.

5. **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.

6. **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.

7. **What is an Spinner? P-67**

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

8. **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.

9. **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.

10. **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, .

1. **Which character use to make a part of the mask optional? P-55.**

    (a) ?
    (b) –
    (c) +
    (d) /
    Ans: a

2. **By which language input Mask component decorates the input text? P-54.**

    (a) JavaScript
    (b) Html
    (c) CSS
    (d) None
    Ans: a

3. **Input mask …….the chances for the user to input incorrect data. P-54.**
   (a) Minimizes
   (b) Maximized
   (c) None
   (d) A and B
   Ans: a

4. **The attribute of input mask are p-54,55**
   (a) Mask ,placeholder
   (b) Mask ,data
   (c) None
   (d) A and B
   Ans: a

5. **Whith auto complete ,it also possible to select multiple items by setting the multiple attribute to true.**
   (a) True
   (b) False
   Ans: a

6. **How many default controls have the Rich text editor?P-72**
   (a) Three
   (b) Four
   (c) One
   (d) Five
   Ans:a

7. **The default controls of rich text editor are. P-72**
   (a) Bold italic strikethrough
   (b) None
   (c) Bold copy paste
   Ans:a

8. **The in place component provides …….. editing and inline content display.P-74**
   (a) Easy in-place
   (b) Default
   (c) None
   (d) A and B
   Ans: a

9. **The password component is an extended version of the ………. Component. P-76.**
   (a) JSF <h:inputSecret>
   (b) HTML <input type="password">
   (c) A and b
   (d) None
   Ans:a

10. **The rating component provides star-based rating with the ability to select and ……. P-78**
    (a) Cancel
    (b) Edit
    (c) Update
    (d) Block
    Ans: a

Chapter 1

<div align="center">**Description**</div>

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.

2. **What is Maven?(p 8)**
    Ans : Maven retrieve the PreimeFaces library by defining the Maven repository in the (POM) file.

3. **How to declare repository ?(p 8)**
    Ans :
    ```
    <repository>
            <id>Prime-repo</id>
            <name></name>
            <url></url>
    </repository>
    ```

4. **How to declare dependence ?(p 8)**
    Ans :
    ```
    < dependence >
            <group-id>Prime-repo</ group-id>
            <artifactId></ artifactId >
            <version></ version >
    </ dependence >
    ```

5. **Write the namespace of primeFaces componet?(p 9)**
    Ans :   i) xmlns: p="http://primefaces.orq/ui"
             ii) xmlns: p="http://primefaces.orq/mobile"

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

    Ans :   a. Java 5+   runtime

    b.JSF 2.x implementation

7. **Write the list of Key Word that are use for partial update ?(p 11)**
    Ans : Those key words are
    i)   @this
    ii)   @parent
    iii)   @form
    iv)   @none
    v)   @all

8. **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"/>

9. **Why we use internationalization?(p 14)**
    Ans : International emphasizing that the web application should support multiple languages.

10. **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 fegion.

<div align="center">**MCQ**</div>

1. **POM Stands for-(p.8)**
   a. Project Object Model

2. **Which one is primeface namespaces (select two)-(p.9)**
    i) xmlns: p="http://primefaces.org/ui"
   ii) xmlns: p="http://primefaces.org/mobile"

3. **In primefaces iText is optional-(p.10)**
   a. True

4. **PPR Stands for-(p.11)**
   a. Partial Page rendering.

5. **PrimeFaces are based on (any two)-(p.11)**
   a. JQuery
   b. JavaScript

6. **What is @this keyword means (any two)-(p.11)**
   a. The component that triggers the PPR is Update

7. **What is the meaning of (i18n) -(p.14)**
   a. Internationalization

8. **What is the meaning of (l10n) -(p.14)**
   a. Localization

9. **JSF use _____ as the separator for the NamingContainer interface.(p 13)**
   a. : (colon)

10. **For internationalization where we specify resource bundle definition.(p 14)**
    a. 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 behaviourfor comfigurable?(p-203)

Ans:Two

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

Ans:Inner,outer And both

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

Ans:ui:draggable

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

Top,left

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

Ans:Four

Q9:Draggable should overlop the droppable by any component. Which is similer---? (p-209)

Ans:touch

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

Ans:hoverStyleClass

<p align="center">**DESC: Ch-8**</p>

Q1:What is drag-and-drop?p-196
Ans:Drag-and-drop is an action,meaning grabing an object and dragging it to different location.
Q2: What is the benifite of drag-and-drop ? (p-196)
The drag-and-drop utilities in primface allow us to create dragable and droppable user interface efficiency and it is highly configurable.

Q3: Describe the draggable pannels ? (p-200)

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

First:Pannel can be dragged only horaizontally,

Second:Pannel can be dragged only vertically,

Third:the third panel dragged on a grid.

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

The snapping behavior is actually by settiin the attribute snap to true.is has two option for config-snapeMode And snapeTilerance.
Q5:What is snapTolerance?(p-203)
The snapTolerance 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:Descrive the iteration of Drag-and-Drop?(p-217)

The drag –and-Drop iteration components extending 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-andDrop 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
By shaim
**1)	Which component provides a file uplod mechanism? P-177**

Ans- a)fileUpload

 b) fileDownlod

c) web.xml file

d) fileExit

ans: a

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

Ans:- a) web.xml file

b) web.html file

c) web.txt file

d) web.exe file

ans: a

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

Ans:-a) temporary file uplod location

b) size

c) size and temporary file downlod location

d) size and temporary file uplod location

ans: d

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

ans:- a) files

b) folder

c) zif file

d) exe file

ans: a

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

ans: a) permanently

b) temporarily

c) shortly

d) defly

ans: b

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

ans: a

7)   which attribute is used to handale the uplod file ? p-179

ans: - a) fileUpload

b) UploadListener

c) fileListener

d) fileUploadListener

ans: d

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

ans:- a) true

b) false

ans: b

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

ans:c

10)   fileUplod component supports which methods when the uplod 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.

Ans:b

<p style="text-align:center">Descript question:</p>

1)   How to Uploding multiple files ? p-181

2)   How to Limiting maximum files size ? p-181

3)   How to Restricting file upload by type ? p-180

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 – 9
Creating Charts and Maps - Description

1) What is the line chart? (page-224)

Ans: The line chart component visualizes **series of point** data as lines in a graph.

2) The chart component doses not show any legends for its lines.(page - 225) MCQ

Ans: a) **true** b) false

3) What is the simple definition of lineChart tag? (Page - 224)

Ans: <p:linechart value="#{write your class name and variable name}" style="height:250px"/>

4) How can you set positioning the legend? (Page - 225)

Ans: it can set by specifying the **legendPosition** attribute, the legend can be activated and its position can be set to cardinal or intermediate direction.

5) What is the bar chart? (Page-231)

Ans: The bar chart component visualizes **series of point** data as bars in a graph.

6) What in the OHLC chart? (Page-247)

Ans: Open High Low Close (OHLC) chart can display the open, high, low and close prices of a publically.

7) What is the candlestick mode? (Page-250)

Ans: candlestick attributes must be set to open in order to be rendered property.

8) How can you set map in primefases? (Page-254)

Ans: The gmap component provides ways to integrate Google maps into jsf application.

9) How many component of gmap? (Page-231)

Ans: The gmap component provides two attributes: navigationControl and mapTypeControl.

10) How can you controlling the component of gmap? (Page-231)

Ans: The gmap component provides two attributes: navigationControl and mapTypeControl.

Chapter 2 - MCQ

1. **How much way to style information?**
    a. Two way is Structural or component specific and skinning (page 26)
2. **What is tooltip?**
    a. 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?**
    a. 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?**
    a. This two style classes in the proceding listing are defined by themeRoller and they affect the look and feel.
5. **What is maven?**
    Maven is a repository and this is collection all necessary library. This is a process to build our project. Where we need not to deploy our necessary library.p-30
    Where are we declare our repository and dependency element?
    a.   Pom(Porject Objec Model).xml
6. **Way to declare dependency element?**
    a.
7. **Way to declare repository element?**
    a. < repository >
        <id></ id >
        <name></ name >
        </ repository >
8. **Where are we declaring THEME context parameter in our project?**
    a. Deployment descriptor(Web.xml) p-31

9. **Way to declaring a THEME context parameter?**
    a. <context-param>

<param-name>primfaces.THEME</parm-name>
                    <param-value>home</parm-value>
                </context-param>

10. What is the name of build in default theme of Prmefaces?

Aristo(p-31)

11. What is the necessary sub-element of p:tree element?
     p:treeNode (page-33)

12. What is the us !important keyword?
     We use the !important keyword to set a fixed width for the container and the label of selectOneMenu (page-35)

13. What is the name of default style class for style input field?
     ui-inputfield

14. 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?

     a.   .ui-widget (page-40)

17. What is VML?

     a.   Vector Markup Language

<div align="center" style="color:red">**Descriptive Ch-4**</div>

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 anel 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…

a.   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)

<p style="text-align:center;color:red;">**MCQ Ch_04()**</p>

1. **The toggling speed can be adjustable? (P-82)**
    a.true
2. **What is the default value of togglespeed attribute? (P-82)**
    a.1000 Millisecond.
3. **p:row and p:column component used for……….(P-85)**
    a.   to provide column and row spanning on the grid
4. **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. **Whay 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.