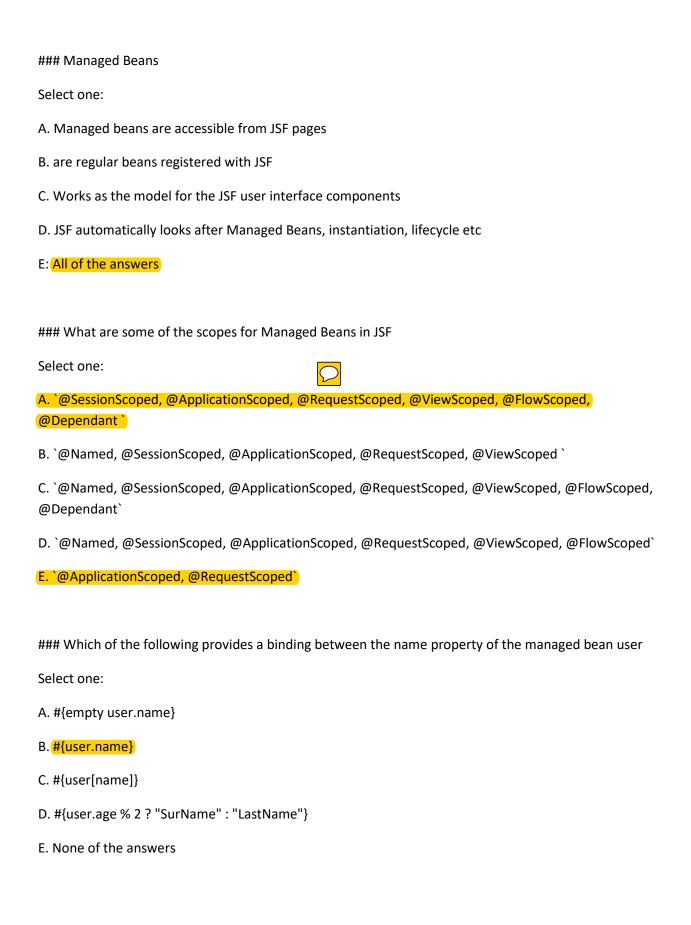### What is Java Server Faces (JSF)?

Select one:

A. a server side component framework or architecture for generating dynamic web pages

B. a server side component framework or architecture for generating interactive web pages

C. Uses Managed Beans to implement Business Logic

D. Uses Page Description Languages (PDLs)

E. All of the answers

What do "pass-through-attributes" allow:

Select one:

A. Allow the server to pass attributes to the client

B. Allow new features (such as in HTML5) be passed through the JSF system unaltered

C. Allow new features (such as in HTML5) be processed and altered through the JSF system

D. Allow the web application user to pass attributes to the server

E. None of the answers

What are the main differences between JavaScript and Java Server Pages

Select one:

A. JavaScript is normally used to render the User interface on the Client, Java Server Pages produce a dynamic page on the server

B. Java Server Pages is used to render the User Interface on the Client, JavaScript normally produces a dynamic page on the server

C. JavaScript provides a way to add code to HTML pages while Java Server Pages does not

D. Java Server Pages provide a way to add code to HTML pages while JavaScript does not

E. None of the answers

Managed Beans

Select one:

A. Managed beans are accessible from JSF pages

B. are regular beans registered with JSF

C. Works as the model for the JSF user interface components

D. JSF automatically looks after Managed Beans, instantiation, lifecycle etc

E: All of the answers

What are some of the scopes for Managed Beans in JSF

Select one:

A. `@SessionScoped, @ApplicationScoped, @RequestScoped, @ViewScoped, @FlowScoped, @Dependant `

B. `@Named, @SessionScoped, @ApplicationScoped, @RequestScoped, @ViewScoped `

C. `@Named, @SessionScoped, @ApplicationScoped, @RequestScoped, @ViewScoped, @FlowScoped, @Dependant`

D. `@Named, @SessionScoped, @ApplicationScoped, @RequestScoped, @ViewScoped, @FlowScoped`

E. `@ApplicationScoped, @RequestScoped`

Which of the following provides a binding between the name property of the managed bean user

Select one:

A. #{empty user.name}

B. #{user.name}

C. #{user[name]}

D. #{user.age % 2 ? "SurName" : "LastName"}

E. None of the answers

What are the two types of requests in JSF?

Select one:

A. Form based requests and URL based requests

B. Initial Request and Postback Request

C. Restore Request and Process Request

D. All of the answers (except none)

E. None of the answers

In the JSF lifecycle, for the initial request the stages are

Select one:

A. Restore View, Render Response

B. Restore View, Apply Request Values, Render Response

C. Restore View, Apply Request Values, Process Validations, Update Model Values, Invoke Applcation, Render Response

D. Restore View, Apply Request Values, Process Validations, Update Model Values, Render Response

E. Restore View, Apply Request Values, Process Validations, Render Response

In the JSF lifecycle, when validation or conversion of values fails

Select one:

A. Restore View, Render Response

B. Restore View, Apply Request Values, Render Response

C. Restore View, Apply Request Values, Process Validations, Render Response

D. Restore View, Apply Request Values, Process Validations, Update Model Values, Render Response

E Restore View, Apply Request Values, Process Validations, Update Model Values, Invoke Applcation, Render Response

In the JSF lifecycle, when the values cannot be converted to the type specified in the managed beans

Select one:

A. Restore View, Render Response

B. Restore View, Apply Request Values, Render Response

C. Restore View, Apply Request Values, Process Validations, Render Response

D. Restore View, Apply Request Values, Process Validations, Update Model Values, Render Response

E. Restore View, Apply Request Values, Process Validations, Update Model Values, Invoke Applcation, Render Response

In JEE how are models normally implemented

Select one:

A. JSF pages and Enterprise Beans

B. JSF pages and JSP pages

C. Servlets and Managed Beans

D. Managed Beans and Enterprise Beans

E. Servlets and Enterprise Beans

As well as the automatically created JSF FacesServlet Controller, how do we normally create Controllers in JEE

Select one:

A. JSP Pages

B. JSF pages

C. Servlets

D. Managed Beans

E. Enterprise Beans

Why does data in an Enterprise Application need to be validated

Select one:

A. To save doing additional data clean up on the server

B. For data integrity

C. To enforce format and accuracy

D. For additional security

E. To force users to complete all the form fields

When clientside validation is implemented, why does server side validation be repeated?

Select one:

A. A hacker can inject malicious input into a form

B. Client side validation can be bypassed by knowledgeable users

C. Client side validation cannot be relied on

D. All the answers (except none)

E. None of the answers

What is needed to implement custom validation in JEE

Select one:

A. RegexValidator

B. RequiredValidator

C. LengthValidator

D. DoubleRangeValidator

E. BeanValidator