**Chapter-8:**

1. How can a Servlet call a JSP error page ?

(a) This capability is not supported.

(b) When the servlet throws the exception, it will automatically be caught by the calling JSP page.

(c) The servlet needs to forward the request to the specific error page URL. The exception is passed along as an attribute named "javax.servlet.jsp.jspException".

(d) The servlet needs to redirect the response to the specific error page, saving the exception off in a cookie.

 **Answer: c**

 2. In JSP, how can you know what HTTP method (GET or POST) is used by client request ?

(a) by using request.getMethod()

(b) by using request.setMethod()

(c) impossible to know

 **Answer: a**

 3. What is legal about JSP scriplets

(a) A loop can begin in one Scriptlet and end in another

(b) Statements in Scriptlets should follow Java Syntax

(c) Semicolon is needed at the end of each statement in a Scriptlet

(d) All the above

 **Answer: d**

4. Which of the following cannot be used as the scope when using a JavaBean with JSP?

(a) session

(b) application

(c) request

(d) response

 **Answer: d**

 5. JSP files end with \_\_\_\_\_\_\_\_\_\_.

a) .shtml extension

b).html extension

c) .java extension

d) .jsp extension

 **Answer: d**

 6. Which of the following statements are true?

a) JSP is translated into HTML by a Web server when a JSP is called.

b) JSP is translated into Java servlet by a Web server when a JSP is called.

c) You can embed Java code in JSP.

d) JSP is translated into XML by a Web server when a JSP is called.

 **Answer: b, c**

7. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is a JSP declaration.

a) <%! private long computeFactorial(int n) { if (n == 0) return 1; else return n \* computeFactorial(n - 1); } %>

b) <!-- HTML Comment -->

c) <% for (int i = 0; i <= 10; i++) { %>

d) <%= Math.pow(2, 3) %>

e) <%= i %>

 **Answer: a**

 8. A class is a JavaBeans component if \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

a) it is a public class

b) it has a public constructor with no arguments

c) it is serializable.

d) All the above

 **Answer: d**

9. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is a JSP expression.

a) <%= Math.pow(2, 3) %>

b) <%= new Date().toString() %>

c) <%= i %>

d) <% for (int i = 0; i <= 10; i++) { %>

 **Answer: a, b, c**

10.Which of the following is a JSP implicit object?

a) response

b) application

c) out

d) session

e) request

 **Answer: a, b, c, d, e**

11. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is a JSP scriptlet.

a) <!-- HTML Comment --%>

b) <%= i %>

c) <%! private long computeFactorial(int n) { if (n == 0)return 1;else return n \* computeFactorial(n - 1); } %>

d) <% for (int i = 0; i <= 10; i++) { %>

e) <%= Math.pow(2, 3) %>

 **Answer: d**

12. The JSP explicit object out is actually \_\_\_\_\_\_\_\_\_.

a) response.getWriter()

b) response.getOutputStream()

c) request.getOutputStream()

d) application

e) request.getWriter()

 **Answer: a**

13.  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is a JSP comment.

a) <%-- i --%>

b) <!-- HTML Comment -->

c) <%= i %>

d) <% for (int i = 0; i <= 10; i++) { %>

e) <%! private long computeFactorial(int n) { if (n == 0) return 1; else return n \* computeFactorial(n - 1); } %>

 **Answer: a**

**14.** What JSP is basically used today

 a) To make controller

 b) To make GUI

 c) In writing business logic

 d) Deprecated

 e) None

 **Answer: a**

15**.** JSP is part of BEA WebLogic?

 a) Yes

 b) No

 **Answer: b**

16. Three scripting elements of JSP

 a) Scriptlets

 b) Expressions

 c) Declarations

 d) None

 **Answer: a, b, c**

17. Choose correct scopes into JSP:-

 a) page, request, session, application

 b) Page, response, session, application

 c) Page, request, response, session

 d) None

 **Answer: a**

18. Choose JavaBean Actions:-

 a) useBean

 b) setProperty

 c) getProperty

 d) All

 e) None

 **Answer: d**

19. In <jsp:useBean> which two attributes is necessary

 a) id and scope

 b) class or beanName.

 c) type and id

 d) None

 **Answer: d**

20. How you can make jsp page as error page

 a) .isErrorPage =”true”

 b) .isErrorPage =”false”

 c) .session=”true”

 d) .session=”false”

 **Answer: b**

21. When a JSP page is compiled, what is it turned into

a) Applet

b) Servlet

c) Application

d) Maile

 **Answer: b**