**SUBJECT: WT BRANCH: CSE**

**CLASS: III-II YEAR: 2018-19**

**UNIIT-IV**

**MULTIPLE CHOICE QUESTIONS**

**Q 1** - \_jspService() method of HttpJspPage class should not be overridden.

**A** - True

[**B** - False](javascript:void(0);)

Answer : A

Explaination

JSP container creates \_jspService() methods so it should not be overridden.

**Q 2** - This object can be used to access other implicit objects in JSP.

[**A** - request](javascript:void(0);)

[**B** - page](javascript:void(0);)

[**C** - context](javascript:void(0);)

**D** - pageContext

### Answer : D

### Explaination

pageContext can be used to retrieve other implicit objects using its methods like getPage(), getRequest() etc.

**Q 3** - Which of the following attributes are mandatory in <jsp:getProperty /> tag?

[**A** - name, property](javascript:void(0);)

[**B** - type, id](javascript:void(0);)

[**C** - name, type](javascript:void(0);)

[**D** - id, property](javascript:void(0);)

**Q 4** - Which of the following is true about application scope?

[**A** - Object created with request scope are accessible only from the page in which they are created.](javascript:void(0);)

[**B** - Object created with request scope are accessible only from the pages which are in same session.](javascript:void(0);)

[**C** - Object created with request scope are accessible only from the pages which are processing the same request.](javascript:void(0);)

**D** - Object created with request scope are accessible only from the pages which reside in same application.

### Answer : D

### Explaination

Object created with request scope are accessible only from the pages which resides in same application. Object data is global and is available to all pages.

**Q 5** - Where filters are defined?

[**A** - Filters are defined in the deployment descriptor file web.xml.](javascript:void(0);)

[**B** - Filters are defined in the jsp pages.](javascript:void(0);)

[**C** - Both of the above.](javascript:void(0);)

[**D** - None of the above.](javascript:void(0);)

Answer : A

Explaination

Filters are defined in the deployment descriptor file web.xml and then mapped to either servlet or JSP names or URL patterns in your application's deployment descriptor.

**Q 6** - Which of the following is true about extends Attribute?

[**A** - The extends attribute can be used to define a subclass of generated servlet.](javascript:void(0);)

**B** - The extends attribute is used to specify a superclass that the generated servlet must extend.

[**C** - Both of the above.](javascript:void(0);)

[**D** - None of the above.](javascript:void(0);)

### Answer : B

### Explaination

The extends attribute specifies a superclass that the generated servlet must extend.

**Q 7** - What is the default value of isELIgnored attribute?

**A** - true

[**B** - false](javascript:void(0);)

### Answer : A

### Explaination

The default value of isELIgnored attribute is true, meaning that expressions, ${...}, are evaluated as dictated by the JSP specification.

**Q 8** - Which of the following depicts correct order of phases in JSP life cycle?

**A** - Compilation, Initialization, Execution, Cleanup

[**B** - Initialization, Compilation, Cleanup, Execution](javascript:void(0);)

[**C** - Initialization, Cleanup, Compilation, Execution](javascript:void(0);)

[**D** - Cleanup, Compilation, Initialization, Execution](javascript:void(0);)

### Answer : A

### Explaination

Compilation, Initialization, Execution, Cleanup is the correct order.

**Q 9** - What JSTL stands for?

**A** - JavaServer Pages Standard Tag Library

[**B** - JSP Tag Library](javascript:void(0);)

[**C** - Java Standard Tag Library](javascript:void(0);)

[**D** - None of the above.](javascript:void(0);)

### Answer : A

### Explaination

JSTL, JavaServer Pages Standard Tag Library is a collection of useful JSP tags which encapsulates core functionality common to many JSP applications.

**Q 10** - Which of the following is true about <c:forEach > tag?

[**A** - The <c:forEach > exists as a good alternative to embedding a Java for, while, or do-while loop via a scriptlet.](javascript:void(0);)

[**B** - The <c:forEach > is used to iterate over a list of items in jsp.](javascript:void(0);)

**C** - Both of the above.

[**D** - None of the above.](javascript:void(0);)

### Answer : C

### Explaination

The <c:forEach > tag exists as a good alternative to embedding a Java for, while, or do-while loop via a scriptlet.

11. Which page directive should be used in JSP to generate a PDF page?  
a)contentType  
b)generatePdf  
c)typePDF  
d)contentPDF  
View Answer

Answer:a  
Explanation: <%page contentType=”application/pdf”> tag is used in JSP to generate PDF.

12. Which tag should be used to pass information from JSP to included JSP?  
a) Using <%jsp:page> tag  
b) Using <%jsp:param> tag  
c) Using <%jsp:import> tag  
d) Using <%jsp:useBean> tag

Answer: a  
Explanation: <%jsp:param> tag is used to pass information from JSP to included JSP.

13. Application is instance of which class?  
a) javax.servlet.Application  
b) javax.servlet.HttpContext  
c) javax.servlet.Context  
d) javax.servlet.ServletContext

Answer: d  
Explanation: Application object is wrapper around the ServletContext object and it is an instance of a javax.servlet.ServletContext object.

14. Default value of autoFlush attribute is?  
a) true b) false  
Answer: a  
Explanation: Default value “true” depicts automatic buffer flushing.

15.“request” is instance of which one of the following classes?  
a) Request  
b) HttpRequest  
c) HttpServletRequest  
d) ServletRequest

Answer: c  
Explanation: request is object of HttpServletRequest.

16. Which is not a directive?  
a) include  
b) page  
c) export  
d) useBean

Explanation: Export is not a directive.

17. Which is mandatory in tag?  
a) id, class  
b) id, type  
c) type, property  
d) type,id

Answer: a  
Explanation: The useBean searches existing object and if not found creates an object using class.

18.  Which one of the following is correct for directive in JSP?  
a) <%@directive%>  
b) <%!directive%>  
c) <%directive%>  
d) <%=directive%>

Answer: a  
Explanation: Directive is declared as <%@directive%>.

19. Which of the following action variable is used to include a file in JSP?  
a) jsp:setProperty  
b) jsp:getProperty  
c) jsp:include  
d) jsp:plugin

Answer: c  
Explanation: jsp:include action variable is used to include a file in JSP.

20. Which attribute uniquely identification element?  
a) ID  
b) Class  
c) Name  
d) Scope

Answer: a  
Explanation: ID attribute is used to uniquely identify action element.

21.  “out” is implicit object of which class?  
a) javax.servlet.jsp.PrintWriter  
b) javax.servlet.jsp.SessionWriter  
c) javax.servlet.jsp.SessionPrinter  
d) javax.servlet.jsp.JspWriter

Answer: d  
Explanation: JspWriter object is referenced by the implicit variable out which is initialized automatically using methods in the PageContext object.

22. Which object stores references to the request and response objects?  
a) sessionContext  
b) pageContext  
c) HttpSession  
d) sessionAttribute

Answer: b  
Explanation: pageContext object contains information about directives issued to JSP page.

23.  What temporarily redirects response to the browser?  
a) <jsp:forward>  
b) <%@directive%>  
c) response.sendRedirect(URL)  
d) response.setRedirect(URL)

Explanation: response.sendRedirect(URL) directs response to the browser and creates a new request.

24. Which tag is used to set a value of a JavaBean?  
a) <c:set>  
b) <c:param>  
c) <c:choose>  
d) <c:forward>

Answer: a  
Explanation: <c:set> is used to set a value of a java.util.Map object.

25. ava code is embedded under which tag in JSP?  
a) Declaration  
b) Scriptlet  
c) Expression  
d) Comment

Answer: b  
Explanation: Scriptlet is used to embed java code in JSP.

26. Which of the following is not a directive in JSP?  
a) page directive  
b) include directive  
c) taglib directive  
d) command directive

Answer: d  
Explanation: command directive is not a directive in JSP.

27. What technique is used for the authentication mechanism in the servlet specification?   
a. Role Based Authentication

b. Form Based Authentication

c. Both A & B

d. None of the above

**ANSWER: Role Based Authentication**

**28.**Which attribute specifies a JSP page that should process any exceptions thrown but not caught in the current page?

a. The ErrorPage Attribute

b. The IsErrorPage Attribute

c. Both A & B

d. None of the above

**ANSWER: The ErrorPage Attribute**

**29.**Which Error Handling in Java handles runtime errors with exceptions, If an exception is not caught in your JSP or Servlet, Resin will use a special error page to send results back to the browser, Resin uses a default error page unless you explicitly provide an error page yourself?

a. Client Request Time Processing Errors

b. Compilation Time Processing Errors

c. JSP Translation Time Processing Errors

d. None of the above

**ANSWER: Client Request Time Processing Errors**

**Explanation:**

30.The ASP and JSP technologies are quite similar in the way they support the creation of Dynamic pages, using HTML templates, scripting code and components for business logic.

a. True

b. False

**ANSWER: True**

31. In JSP Action tags which tags are used for bean development?

a. jsp:useBean

b. jsp:setPoperty

c. jsp:getProperty

d. All mentioned above

**ANSWER: All mentioned above**

**32.**Which two interfaces does the javax.servlet.jsp package have?   
a. JspPage

b. HttpJspPage

c. JspWriter

d. PageContext

e. Both A & B

**ANSWER: Both A & B**

**33.**Which of the following is an advantage of the statement – Separation of business logic from JSP ?   
a. Custom Tags in JSP b. JSP Standard Tag Library

c. All the above

d. None of the above

**ANSWER: Custom Tags in JSP.**

**34.**How many jsp implicit objects are there and these objects are created by the web container that are available to all the jsp pages?   
a. 8b. 9c. 10d. 7

**ANSWER: 9**

**35.**Which JSP Action tags is used to include the content of another resource, it may be jsp, html or servlet?   
a. jsp:include

b. jsp:forward

c. jsp:plugin

d. jsp:papam

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| **ANSWER: jsp:include** |