1) Which page directive should be used in JSP to generate a PDF page?  
**a) contentType**  
b) generatePdf  
c) typePDF  
d) contentPDF

2) 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

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

4) \_jspService() method of HttpJspPage class should not be overridden.  
**a) True**  
b) False

5) Which option is true about session scope?  
a) Objects are accessible only from the page in which they are created  
**b) Objects are accessible only from the pages which are in same session**c) Objects are accessible only from the pages which are processing the same request  
d) Objects are accessible only from the pages which reside in same application

6) Default value of autoFlush attribute is?  
**a) true**  
b) false

7) Which one is the correct order of phases in JSP life cycle?  
a) Initialization, Cleanup, Compilation, Execution  
b) Initialization, Compilation, Cleanup, Execution  
**c) Compilation, Initialization, Execution, Cleanup**d) Cleanup, Compilation, Initialization, Execution

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

9) Which is not a directive?  
a) include  
b) page  
**c) export**  
d) useBean

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

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

12) 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

13) Which attribute uniquely identification element?  
**a) ID**  
b) Class  
c) Name  
d) Scope

14) “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**

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

16) What temporarily redirects response to the browser?  
a) response.setRedirect(URL)  
b) <%@directive%>  
**c) response.sendRedirect(URL)**

17) Can and <%–comment–%> be used alternatively in JSP?  
a) True  
**b) False**

18) Java code is embedded under which tag in JSP?  
a) Declaration  
**b) Scriptlet**  
c) Expression  
d) Comment

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

20) What programming language(s) or scripting language(s) does Java Server Pages (JSP) support?  
a) VBScript only  
b) Jscript only  
**c) Java only**  
d) All of the mentioned