Servlets and JSP

1. Which of the following code is used to get an attribute in a HTTP Session object in servlets?  
   a) session.getAttribute(String name)  
   b) session.alterAttribute(String name)  
   c) session.updateAttribute(String name)  
   d) session.setAttribute(String name)
2. Which of the following is true about servlets?

a) Servlets execute within the address space of web server  
b) Servlets are platform-independent because they are written in java  
c) Servlets can use the full functionality of the Java class libraries  
d) Servlets execute within the address space of web server, platform independent and uses the functionality of java class libraries

1. Which are the session tracking techniques?  
   i. URL rewriting  
   ii. Using session object  
   iii.Using response object  
   iv. Using hidden fields  
   v. Using cookies  
   vi. Using servlet object

a) i, ii, iii, vi  
b) i, ii, iv, v  
c) i, vi, iii, v  
d) i, ii, iii, v

1. What is the maximum size of cookie?  
   a) 4 KB  
   b) 4 MB  
   c) 4 bytes  
   d) 40 KB
2. SessionIDs are stored in cookies.

a) True  
b) False

1. How can we invalidate a session?

a) session.discontinue()

b) session.invalidate()

c) session.disconnect()

d) session.falsify()

1. Which of the following is stored at client side in the browser?

a) URL rewriting  
 b) Hidden form fields  
 c) SSL sessions  
 d) Cookies

1. What is bytecode?

A. Machine-specific code

B. Java code

C. Machine-independent code

D. None of the mentioned

1. Which method is used to specify ... before any lines ...that uses the PintWriter out object?

A. setPageType(..)

B. setContextType(..)

C. setContentType(..)

D. setResponseType(..)

1. Which Servlet is protocol independent and supports all environments ---------------?
2. GenericServlet
3. RMIServlet
4. HttpServlet
5. FTPServlet
6. \_jspService() method of HttpJspPage class should not be overridden.

a) True  
b) False

1. 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
2. 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 from across all the pages which reside in same application

1. Which is not a jsp directive?  
   a) include  
   b) page  
   c) taglib  
   d) export
2. “application” is instance of which class/datatype?

a) javax.servlet.Application  
b) javax.servlet.HttpContext  
c) javax.servlet.Context  
d) javax.servlet.ServletContex

1. The difference between Servlets and JSP is the …………….

A. translation

B. compilation

C. inherent syntax and semantics

D. Both A and B

17) JSP is a html page on \_\_\_\_\_\_\_\_\_\_\_\_\_?

A) Server Side

B) Client Side

18) 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. 8

b. 9

c. 10

d. 7

19) Variables, methods and classes in JSP are declared in which scripting element \_\_\_\_\_\_?

1. <%= =>
2. <%! %>
3. <% %>
4. <%@ %>

20) Sevlets and JSP, both components are deployed in which area of Apache TomCat ?

a) Client Container

b) Network Container

c) JSP Container

d) Web Container