**Q.1.**The getParameter() method belongs to \_\_\_\_\_\_\_.

1). Servlet

2). ServletRequest

3). ServletResponse

4). All of the above

ans: 2

**Q.2.**\_\_\_\_\_\_ method returns the extra path information translated to a real file system path.

1). HttpServletRequest.getPathTranslated( )

2). HttpServletRequest.getPathInfo( )

3). HttpServletRequest.getParameterValues

4). None of the above

Solution :

option [1] is correct

**Q.3.**Given:

i. load the servlet class

ii. init()

iii. destroy()

iv. service()

v. instantiate

Life cycle of Servlet, arrange it in proper order of execution.

1). i, ii, iv, iii, v

2). i, v, ii, iv,iii

3). v, i, ii, iv,iii

4). i,v,iv,ii,iii

Solution :

option [2] is correct

**Q.4.**Which of the following methods in an HttpServlet should be overridden if required?

1)init()

2)service(HttpServletRequest,HttpServletResponse)

3)destroy()

4)doGet(HttpServletRequest,HttpServletResponse)

1). 1,2,3

2). 1,3,4

3). 2,3,4

4). 1,2,4

Solution :

option [2] is correct

**Q.5**. The HTTP request headers 'accept' specifies \_\_\_\_\_\_.

1). Information about client software

2). MIME types that client accepts

3). language(s) that client can receive

4). encoding format that client can use

Solution :

option [2] is correct

**Q.6.** Fill in the blanks to complete following:

public class DemoServlet extends HttpServlet {

public void doGet(HttpServletRequest req, HttpServletResponse res)

throws ServletException, IOException {

res.setContentType("text/plain");

\_\_\_\_\_\_\_\_\_\_\_ out = res.getWriter();

Enumeration headernames = req.getHeaderNames();

while (headernames.\_\_\_\_\_\_\_\_\_\_\_) {

String name = (String) headernames.nextElement();

String value = req.\_\_\_\_\_\_\_\_

if (value != null)

out.println(name + ": " + value);

}

}

1). PrintWriter, hasMoreElements();, getHeader(name);

2). getRemoteHost();,getRemoteAddr();,getRemoteAddres();

3). StringBuffer, hasNextElement(), getValue()

4). PrintWriter, hasNext();, getParameter(name);

Solution :

option [1] is correct

**Q.7.** When using HTML forms which of the folowing is true for POST method?

1). POST allows users to bookmark URLs with parameters.

2). The POST method should not be used when large amount of data needs to be transferred

3). POST allows secure data transmission over the http method.

4). POST method sends data as payload, in the body of the request

Solution :

option [4] is correct

Q.8.  - What is javax.servlet.http.HttpServlet?

[A - interface](javascript:void(0);)

B - abstract class

[C - concreate class](javascript:void(0);)

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

Answer: B

javax.servlet.http.HttpServlet is an abstract class.

Q.9. Which of the following is not a lifecycle method of a Servlet Filter?

1). init( )

2). service( )

3). doFilter( )

4). destroy( )

option [2] is correct

Q.10 How to maintain global time out for all sessions?

1). HttpSession.logout(time)

2). HttpSession.setInterval(time)

3). HttpSession.setMaxInactiveInterval(time)

4). HttpSession.setInactiveInterval(time)

option [3] is correct

Q.11 To invoke a web components available on the server you must use \_\_\_\_\_\_\_\_\_\_\_ object.

1). ServletContext

2). RequestDispatcher

3). Session

4). ServletRequest

option [2] is correct

Q.12.Which of the following code indicates whether the named response header has already been set?

A - response.containsHeader(headerName)

B - request.containsHeader(headerName)

C - Header.containsHeader(headerName)

D - None of the above.

ans: a

Q.13.When init() method of filter gets called?

A - The init() method is called by the web container to indicate to a filter that it is being placed into service.

B - The init() method is called whenever the servlet being filtered is invoked.

C - Both of the above.

D - None of the above.

ans: a

**Q.14.**

|  |
| --- |
| **1. Given a web application ShoopingCart with 2 files: ShoppingCart/customer/ addProductToCart.jsp ShoppingCart/customer/ showCart.jsp which of the following code are valid in addProductToCart.jsp to dispatch request to the showCart.jsp?** |
| RequestDispatcher nextView = request.getRequestDispatcher("/customer/showCart.jsp"); |
| RequestDispatcher nextView = request.getRequestDispatcher("/showCart.jsp"); |
| RequestDispatcher nextView = getServletContext().request.getRequestDispatcher("showCart.jsp"); |
| RequestDispatcher nextView = getServletContext().request.getRequestDispatcher("../customer/showCart.jsp"); |

**Ans a**

**Q.15** - Which of the following code indicates whether the named response header has already been set?

**A** - response.containsHeader(headerName)

[**B** - request.containsHeader(headerName)](javascript:void(0);)

[**C** - Header.containsHeader(headerName)](javascript:void(0);)

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

Ans a

**Q.16.**

|  |
| --- |
| **6. My Application has a servlet, which do addition as shown below and sets the value in context scope. It then prints the result.  public void doGet(HttpServletRequest req, HttpServletResponse resp) { PrintWriter out=response.getWriter(); param\_1 = request.getParameter("Param1"); param\_2 = request.getParameter("Param2"); getServletContext.setAttribute("result",(param\_1 + param\_2)); response. out.print("Result =="+getServletContext.getAttribute("result")); }  But sometimes I get wrong results.How can I fix it?** |
| By Putting the "result" attribute in session scope. |
| By Putting the "result" attribute in request scope. |
| Its not possible by synchronizing methods or blocks. |

Ans b

**Q.17.**

|  |
| --- |
| **7. In which of the following cases the request.getAttribute() will be helpful?** |
| If a servlet or jsp is invoked using sendRedirect method. |
| If a servlet or jsp is invoked using forward method. |
| If a servlet or jsp is invoked using a hyperlink in the page. |
| If a servlet or jsp is invoked if when form submits. |

Ans B

**Q.18**. the java --------------specification defines an application programming interface for communication between the web server and the application program

a)Program

b)Servlet

c)Randomise

d)Server

Answer:Servlet

**Q.19.**what are the methods available in servletContextListener interface

a)contextInitialized()

contextDestroyed()

b)contextInit(),contextService()and contextDestroyed()

c)contextService()and contextDestroyed()

d)contextService()and contextDestroyed(),contextInitialized()

Answer:a

Explanation:

servletContextListener interface:

Interface for receiving notification events about ServletContext lifecycle changes.

contextInitialized():

Receives notification that the ServletContext is about to be shut down.

contextDestroyed():

Receives notification that the web application initialization process is starting.

**Q.20.**the lifeCycle of a servlet is managed by

a)servlet container

b)servlet context

c)servlet Itself

d)the supporting protocol(http&https)

Answer:a

Explanation:

servlet container is responsible for managing the servlet life cycle for example mapping url to particular servlet and esuring that the url request has the correct access rights.

Q.21.Can servlet class declare constructor with ServletConfig object as a argument?

a) True

b) False

Answer: b

Explanation: ServletConfig object is created after the constructor is called and before init() is called. So, servlet init parameters cannot be accessed in the constructor.

**Q.22.**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)

Answer: a

**Q.23.** What interface do you implement if you want to use the attributeAdded method?

a.HttpSessionListener

b.HttpSessionAttributeListener

c.SessionAttributeListener

d.SessionAttributeListener

Answer B is correct.

The HttpSessionAttributeListener interface enables you to override the attributeAdded method, which is called by the container when an attribute is added to a session.

HttpSessionListener enables you to listen to the notification that a session is created or destroyed.

The other two options are not valid interfaces.

**Q.24.**Which two of the following are elements of the Web application descriptor? (Choose two.)

a.init-type

b.init-param

c.listener-class

d.error-class

Answers B and C are correct. There is neither an init-type element nor an error-class element

**Q.25.**which method in Http Servlet is not recommended to be overridden?

a.init

b.destroy

c.service

d.doGet

e.dopost

The only thing the service method does is examining the HTTP method, and based on that, dispatch the request to the various doXYZ methods.

**Q.26.**A-------- is a software entity that provides a response to a web request

a.webcomponent

b.javascript

c.htmlpage

d.webserver

A Web component typically generates the user interface for a Web-based application.