This section presents you various set of Mock Tests related to **Servlets Framework**. You can download these sample mock tests at your local machine and solve offline at your convenience. Every mock test is supplied with a mock test key to let you verify the final score and grade yourself.

**SERVLETS MOCK TEST I**

**Q 1 - What are Servlets?**

A - Java Servlets are programs that run on a Web or Application server.

B - Java Servlets act as a middle layer between a request coming from a Web browser or other HTTP client and databases or applications on the HTTP server.

C - Both of the above.

D - None of the above.

**Q 2 - Which of the following is true about servlets?**

A - Servlets execute within the address space of a Web server.

B - Servlets are platform-independent because they are written in Java.

C - The full functionality of the Java class libraries is available to a servlet.

D - All of the above.

**Q 3 - Which of the following package contains servlet classes?**

A - javax.servlet

B - javax.servlet.http

C - Both of the above.

D - None of the above.

**Q 4 - Which of the following is the correct order of servlet life cycle phase methods?**

A - init, service, destroy
Q 5 - When init method of servlet gets called?
A - The init method is called when the servlet is first created.
B - The init method is called whenever the servlet is invoked.
C - Both of the above.
D - None of the above.

Q 6 - Which of the following is true about init method of servlet?
A - The init method simply creates or loads some data that will be used throughout the life of the servlet.
B - The init method is not called again and again for each user request.
C - Both of the above.
D - None of the above.

Q 7 - When service method of servlet gets called?
A - The service method is called when the servlet is first created.
B - The service method is called whenever the servlet is invoked.
C - Both of the above.
D - None of the above.

Q 8 - Which of the following is true about service method of servlet?
A - The servlet container i.e. webserver calls the service method to handle requests coming from the client.
B - Each time the server receives a request for a servlet, the server spawns a new thread and calls service.
C - The service method checks the HTTP request type GET, POST, PUT, DELETE, etc. and calls doGet, doPost, doPut, doDelete, etc. methods as appropriate.
D - All of the above.

Q 9 - When doGet method of servlet gets called?
A - A GET request results from a normal request for a URL.
B - The service method checks the HTTP request type as GET and calls doGet method.
C - Both of the above.
D - None of the above.
Q 10 - When doPost method of servlet gets called?
A - A POST request results from an HTML form that specifically lists POST as the METHOD.
B - The service method checks the HTTP request type as POST and calls doPost method.
C - Both of the above.
D - None of the above.

Q 11 - When destroy method of servlet gets called?
A - The destroy method is called only once at the end of the life cycle of a servlet.
B - The destroy method is called after the servlet has executed service method.
C - Both of the above.
D - None of the above.

Q 12 - Which of the following is true about destroy method of servlet?
A - After the destroy method is called, the servlet object is marked for garbage collection.
B - The servlet is terminated by calling the destroy method.
C - Both of the above.
D - None of the above.

Q 13 - What is javax.servlet.Servlet?
A - interface
B - abstract class
C - concreate class
D - None of the above.

Q 14 - What is javax.servlet.http.HttpServlet?
A - interface
B - abstract class
C - concreate class
D - None of the above.

Q 15 - Which of the following is true about HTTP Get method?
A - The GET method sends the encoded user information appended to the page request.
B - The GET method is the defualt method to pass information from browser to web server.
C - Both of the above.
D - None of the above.

**Q 16 - Which of the following is true about HTTP Post method?**
A - The POST method sends the encoded user information as a separate message to page request.
B - The POST method is used to submit form data normally.
C - Both of the above.
D - None of the above.

**Q 17 - Which of the following method can be used to get the value of form parameter?**
A - request.getParameter
B - request.getParameterValues
C - request.getParameterNames
D - None of the above.

**Q 18 - Which of the following method can be used to get the multiple values of a parameter like checkbox data?**
A - request.getParameter
B - request.getParameterValues
C - request.getParameterNames
D - None of the above.

**Q 19 - Which of the following method can be used to get complete list of all parameters in the current request?**
A - request.getParameter
B - request.getParameterValues
C - request.getParameterNames
D - None of the above.

**Q 20 - Which of the following code is used to set content type of a page to be serviced using servlet?**
A - response.setContentType
B - request.setContentType
C - writer.setContentType
D - None of the above.
Q 21 - Which of the following code is used to get PrintWriter object in servlet?
A - response.getWriter
B - request.getWriter
C - new PrintWriter
D - None of the above.

Q 22 - Which of the following code is used to get cookies in servlet?
A - response.getCookies
B - request.getCookies
C - Cookies.getCookies
D - None of the above.

Q 23 - Which of the following code is used to get names of the attributes in servlet?
A - response.getAttributeNames
B - request.getAttributeNames
C - Header.getAttributeNames
D - None of the above.

Q 24 - Which of the following code is used to get names of the headers in servlet?
A - response.getHeaderNames
B - request.getHeaderNames
C - Header.getHeaderNames
D - None of the above.

Q 25 - Which of the following code is used to get names of the parameters in servlet?
A - request.getParameterNames
B - response.getParameterNames
C - Header.getParameterNames
D - None of the above.

Q 26 - Which of the following code is used to get session in servlet?
A - request.getSession
B - response.getSession
C - new Session

<table>
<thead>
<tr>
<th>Q 27 - Which of the following code is used to get locale in servlet?</th>
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<tbody>
<tr>
<td>A - request.getLocale</td>
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<tr>
<td>B - response.getLocale</td>
</tr>
<tr>
<td>C - new Locale</td>
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<tr>
<td>D - None of the above.</td>
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<tr>
<th>Q 28 - Which of the following code is used to get a particular attribute in servlet?</th>
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<tbody>
<tr>
<td>A - request.getAttribute&lt;name&gt;</td>
</tr>
<tr>
<td>B - response.getAttribute&lt;name&gt;</td>
</tr>
<tr>
<td>C - new Attribute&lt;name&gt;</td>
</tr>
<tr>
<td>D - None of the above.</td>
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<tr>
<th>Q 29 - Which of the following code retrieves the name of the authentication scheme?</th>
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<tbody>
<tr>
<td>A - new AuthType</td>
</tr>
<tr>
<td>B - response.getAuthType</td>
</tr>
<tr>
<td>C - request.getAuthType</td>
</tr>
<tr>
<td>D - None of the above.</td>
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<tr>
<th>Q 30 - Which of the following code retrieves the body of the request as binary data?</th>
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<tbody>
<tr>
<td>A - new InputStream</td>
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<tr>
<td>B - response.getInputStream</td>
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<tr>
<td>C - request.getInputStream</td>
</tr>
<tr>
<td>D - None of the above.</td>
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<tr>
<th>Q 31 - Which of the following code retrieves the character encoding used in the body of this request?</th>
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<tbody>
<tr>
<td>A - new CharacterEncoding</td>
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<tr>
<td>B - response.getCharacterEncoding</td>
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<td>C - request.getCharacterEncoding</td>
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<td>D - None of the above.</td>
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<tr>
<th>Q 32 - Which of the following code retrieves the MIME type of the body of the request?</th>
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</thead>
<tbody>
<tr>
<td>A - new MimeType</td>
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</table>
B - request.getContentType
C - response.getContentType
D - None of the above.

Q 33 - Which of the following code retrieves the context of the request?
A - new ClassContextPath
B - request.getContextPath
C - response.getContextPath
D - None of the above.

Q 34 - Which of the following code retrieves the request header?
A - Header.getHeaderName
B - response.getHeader
C - request.getHeader
D - None of the above.

Q 35 - Which of the following code retrieves the name of the HTTP Method?
A - Header.getMethod
B - response.getMethod
C - request.getMethod
D - None of the above.

Q 36 - Which of the following code retrieves the value of a request parameter?
A - Header.getParameter
B - response.getParameter
C - request.getParameter
D - None of the above.

Q 37 - Which of the following code retrieves any extra path information associated with the URL the client sent?
A - Header.getPathInfo
B - response.getPathInfo
C - request.getPathInfo
D - None of the above.
<table>
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<tr>
<th>Question</th>
<th>Description</th>
<th>Options</th>
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</table>
| Q 38 | Which of the following code retrieves name and version of the protocol? | A - Header.getProtocol  
B - response.getProtocol  
C - request.getProtocol  
D - None of the above. |
| Q 39 | Which of the following code retrieves the query string that is contained in the request URL after the path? | A - Header.getQueryString  
B - response.getQueryString  
C - request.getQueryString  
D - None of the above. |
| Q 40 | Which of the following code retrieves the Internet Protocol IP address of the client that sent the request? | A - request.getRemoteAddr  
B - response.getRemoteAddr  
C - Header.getRemoteAddr  
D - None of the above. |
| Q 41 | Which of the following code retrieves the fully qualified name of the client making this request? | A - request.getRemoteHost  
B - response.getRemoteHost  
C - Header.getRemoteHost  
D - None of the above. |
| Q 42 | Which of the following code retrieves the login of the user making this request? | A - request.getRemoteUser  
B - response.getRemoteUser  
C - Header.getRemoteUser  
D - None of the above. |
| Q 43 | Which of the following code retrieves the part of this request's URL from the protocol name? | A - request.getRequestURI  
B - response.getRequestURI |
Q 44 - Which of the following code retrieves session ID specified by the client?
A - request.getRequestedSessionId
B - response.getRequestedSessionId
C - Header.getRequestedSessionId
D - None of the above.

Q 45 - Which of the following code checks whether this request was made using a secure channel, such as HTTPS?
A - response.isSecure
B - request.isSafe
C - Header.isSecure
D - None of the above.

Q 46 - Which of the following code returns the port number on which this request was received?
A - response.getServerPort
B - request.getServerPort
C - Header.getServerPort
D - None of the above.

Q 47 - Which of the following code encodes the specified URL for use in the sendRedirect method?
A - response.encodeRedirectURL
B - request.encodeRedirectURL
C - Header.encodeRedirectURL
D - None of the above.

Q 48 - Which of the following code encodes the specified URL by including the session ID in it?
A - response.encodeURL
B - request.encodeURL
C - Header.encodeURL
D - None of the above.
Q 49 - 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.

Q 50 - Which of the following code indicates whether the response has been committed?
A - `response.isCommitted`
B - `request.isCommitted`
C - `Header.isCommitted`
D - None of the above.

### ANSWER SHEET

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<thead>
<tr>
<th>Question Number</th>
<th>Answer Key</th>
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