JSP - Java (MCQ) questions and answers

Q.1) 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

Q.2) 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

Q.3) 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

Q.4) 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

Q.5) Which can generate HTML dynamically on the client but can hardly interact with the web server to perform complex tasks like database access and image processing etc. in JSP?

a. vs.Static HTML

b. vs.Server-Side Includes

c. vs.Pure Servlets

d. Vs.JavaScript

Q.6) In JSP Action tags which tags are used for bean development?

a. jsp:useBean

b. jsp:setPoperty

c. jsp:getProperty

d. All mentioned above

Q.7) Which two interfaces does the javax.servlet.jsp package have?

a. JspPage

b. HttpJspPage

c. JspWriter

d. PageContext

e. Both A & B

Q.8) 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

Q.9) JSPs eventually are compiled into Java servlets, you can do as much with JSPs as you can do with Java servlets.

a. True

b. False

Q.10) 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

Q.11) JavaServer Pages often serve the same purpose as programs implemented using the Common Gateway Interface (CGI)

a. True

b. False

Q.12) Which action tags are used in JSP for developing web application with Java Bean?

a. jsp:useBean

b. jsp:setProperty

c. jsp:getProperty

d. Both B & C

Q.13) Which technology do we mix our business logic with the presentation logic?

a. Servlet

b. JSP

c. Both A & B

d. None of the above

Q.14) Which is the Microsoft solution for providing dynamic Web content?

a. ASP

b. JSP

c. Both A & B

d. None of the above

Q.15) A bean encapsulates many objects into one object, so we can access this object from multiple places.

a. True

b. False

Q.16) Which tag is used to execute java source code in JSP?

a. Declaration Tag

b. Scriptlet tag

c. Expression tag

d. None of the above

Q.17) 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

Q.18) In JSP how many ways are there to perform exception handling?

a. 3

b. 2

c. 4

d. 5

Q.19) In JSP page directive which attribute defines the MIME(Multipurpose Internet Mail Extension) type of the HTTP response?

a. import

b. Content Type

c. Extends

d. Info

Q.20) A JSP page consists of which tags?

a. HTML tags

b. JSP tags

c. Both A & B

d. None of the above

Q.21)   Which packages does a JSP API consist of?

a. javax.servlet.jsp

b. java.servlet

c. javax.servlet.jsp.tagext

d. Both A & C

Q.22) JSP's provide better facilities for separation of page code and template data by mean of Java beans, EJBs and custom tag libraries.

a. True

b. False

Servlets - Java (MCQ) questions and answers

Q.1)   Connection Pooling Class manages no of user requests for connections to improve the performance.

a. True

b. False

Q.2)   Which object of HttpSession can be used to view and manipulate information about a session?

a. session identifier

b. creation time

c. last accessed time

d. All mentioned above

Q.3)   Using mail API we cannot send mail from a servlet.

a. True

b. False

Q.4)   Which class provides stream to read binary data such as image etc. from the request object?

a. ServltInputStream

b. ServletOutputStream

c. Both A & B

d. None of the above

Q.5)   The sendRedirect() method of HttpServletResponse interface can be used to redirect response to another resource, it may be servlet, jsp or html file.

a. True

b. False

Q.6)   Which of these ways used to communicate from an applet to servlet?

a. RMI Communication

b. HTTP Communication

c. Socket Communication

d. All mentioned above

Q.7) Which methods are used to bind the objects on HttpSession instance and get the objects?

a. setAttribute

b. getAttribute

c. Both A & B

d. None of the above

Q.8) Which type of ServletEngine is a server that includes built-in support for servlets?

a. Add-on ServletEngine

b. Embedded ServletEngine

c. Standalone ServletEngine

d. None of the above

Q.9) What type of servlets use these methods doGet(), doPost(),doHead, doDelete(), doTrace()?

a. Genereic Servlets

b. HttpServlets

c. All of the above

d. None of the above

Q.10) Which cookie it is valid for single session only and it is removed each time when the user closes the browser?

a. Persistent cookie

b. Non-persistent cookie

c. All the above

d. None of the above

Q.11) Sessions is a part of the SessionTracking and it is for maintaining the client state at server side.

a. True

b. False

Q.12) Web server is used for loading the init() method of servlet.

a. True

b. False

Q.13) Servlets handle multiple simultaneous requests by using threads.

a. True

b. False

Q.14)   Which method is used to send the same request and response objects to another servlet in RequestDispacher ?

a. forward()

b. sendRedirect()

c. Both A & B

d. None of the above

Q.15)   Which packages represent interfaces and classes for servlet API?

a. javax.servlet

b. javax.servlet.http

c. Both A & B

d. None of the above

Q.16)   Which class can handle any type of request so that it is protocol-independent?

a. GenericServlet

b. HttpServlet

c. Both A & B

d. None of the above

Q.17)   Which HTTP Request method is non-idempotent?

a. GET

b. POST

c. BOTH A & B

d. None of the above

Q.18)   Which object is created by the web container at time of deploying the project?

a. ServletConfig

b. ServletContext

c. Both A & B

d. None of the above

Q.19)   What is the lifecycle of a servlet?

a. Servlet class is loaded

b. Servlet instance is created

c. init,Service,destroy method is invoked

d. All mentioned above

Q.20) Which method in session tracking is used in a bit of information that is sent by a web server to a browser and which can later be read back from that browser?

a. HttpSession

b. URL rewriting

c. Cookies

d. Hidden form fields

Q.21) In HTTP Request what asks for the loopback of the request message, for testing or for troubleshooting?

a. PUT

b. OPTIONS

c. DELETE

d. TRACE

Q.22) Which one of the following scopes does the attribute in servlet is an object that can be set, get or removed?

a. session scope

b. request scope

c. application scope

d. All mentioned above

Q.23) Which are the examples of Application Server?

a. Apache

b. Tomcat

c. JBoss

d. Weblogic

e. Both C & D

Q.24) How many techniques are used in Session Tracking?

a. 4

b. 3

c. 2

d. 5

Q.25) In HTTP Request method Get request is secured because data is exposed in URL bar

a. True

b. False

Q.26) In the following statements identify the disadvantages of CGI?

a. If number of clients increases, it takes more time for sending response

b. For each request, it starts a process and Web server is limited to start processes

c. It uses platform dependent language e.g. C, C++, perl

d. All mentioned above

Q.27) Servlet technology is used to create web application

a. True

b. False