

JSP (MCQ) questions and answers.

① what technique is used for the authentication mechanism in the servlet specification.

→ Role Based Authentication

② which attribute specifies a JSP page that should process any exceptions thrown but not caught in the current page?

→ The ErrorPage Attribute

③ which Error Handling in Java handles runtime error 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?

→ client request time processing Errors

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.

→ True

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?

→ vs. Javascript

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

→ JSP: useBean

JSP: setProperty

JSP: getProperty

⑦ which two interfaces does the javax.servlet.jsp package have.

→ JspPage

HttpJspPage

⑧ which of the following is an advantage of the statement-separation of business logic from JSP?

→ custom tags in JSP

Q JSPs eventually are compiled into java servlets. you can do as much with JSPs as you can do with java servlets.

→ True.

Q How many JSP implicit objects are there and these objects are created by the web container that are available to all the JSP pages?

→ 9

Q JavaServer pages often serve the same purpose as programs implemented using the common gateway interface (CGI).

→ True.

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

→ JSP:setProperty
JSP:getProperty

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

→ Servlet.

Q Which is the Microsoft solution for providing dynamic web content?

→ ASP

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

→ True.

Q Which tag is used to execute Java source code in JSP?

→ scriptlet tag

Q Which JSP Action tag is used to include the content of another resource. It may be JSP, HTML or Servlet?

→ JSP:include

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

→ 2

Q In JSP page directive with attribute defines the MIME (multipurpose Internet mail Extension) type of the HTTP response?

→ contentType

②0 A JSP page consists of which tags ?

→ HTML tags & JSP tags.

②1 which packages does a JSP API consist of ?

→ javax.servlet.jsp & javax.servlet.jsp.tagext.

②2 JSP's provide better facilities for separation of page code and template data by mean of java beans, EJB's and custom tag libraries.

→ true.

servlets - (mcq) question and answers.

- ① connection pooling class manages no of user requests for connections to improve the performance.
→ True.
- ② which object of HttpSession can be used to view and manipulate information about a session?
→ session identifier, creation time & last accessed time.
- ③ using mail API we cannot send mail from a servlet.
→ False.
- ④ which class provides stream to read binary data such as image etc from the request object?
→ ServletInputStream.
- ⑤ The sendRedirect() method of HttpServletResponse interface can be used to redirect response to another resource, it may be servlet, jsp or html file.
→ True.
- ⑥ which of these way used to communicate from an applet to servlet.
→ RMI communication, HTTP communication, socket communication.
- ⑦ which methods are used to bind the objects on HttpSession instance and get the objects?
→ setAttribute & getAttribute.
- ⑧ which type of servletEngine is a server that includes built-in support for servlets?
→ standalone servletEngine
- ⑨ what type of servlets use these methods doGet(), doPost(), doHead, doDelete, doTrace?
→ HttpServlets
- ⑩ which cookie it is valid for single session only and it is removed each time when the user closes the browser?
→ Non-persistent cookie

(11) sessions is a part of the sessionTracking and it is for maintaining the client state at server side

→ True

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

→ True

(13) servlet handle multiple simultaneous requests by using threads.

→ True

(14) which method is used to send the same request and response objects to another servlet in RequestDispatcher?

→ forward()

(15) which packages represent interfaces and classes for servlet API?

→ javax.servlet & javax.servlet.http

(16) which class can handle any type of request so that it is protocol independent?

→ GenericServlet

(17) which HTTP request method is non-idempotent?

→ POST

(18) which object is created by the web container at time of deploying the project?

→ ServletContext

(19) what is the lifecycle of a servlet?

→ servlet class is loaded

servlet instance is created

init, service, destroy method is invoked

(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?

→ cookies

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

→ TRACE

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

→ session scope, request scope, application scope

23) Which are the examples of application server?

→ JBoss & Weblogic

24) How many techniques are used in session tracking?

→ 4

25) In HTTP request method GET request is secured because data is exposed in URL bar.

→ False

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

→ • If number of clients increases, it takes more time for sending response

• For each request, it starts a process and web server is limited to start processes

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

27) Servlet technology is used to create web application

→ True