

25 sample questions Old Course TYBSc.CS sem-6 –Advanced Java Programming-II(USCS602)

- 1) What are the functions of Servlet containers?
  - A. Lifecycle management
  - B. Communication support
  - C. Multithreading support
  - D. All of the above
  
- 2) Which of the following are interface?
  1. ServletContext 2. Servlet 3.GenericServlet 4.HttpServlet
  - A. 1,2,3,4
  - B. 1,2
  - C. 1,3,4
  - D. 1,4
  
- 3) The life cycle of a servlet is managed by
  - A. servlet context
  - B. servlet container
  - C. the supporting protocol (such as http or https)
  - D. All of the above
  
- 4) Which life-cycle method makes the servlet ready for garbage collection?
  - A. init
  - B. service
  - C. system.gc
  - D. destroy
  
- 5) Through which tag you can define servlet context in web.xml?
  - A. config-param
  - B. context-param

- C. init-param
- D. All of these

6) 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.

7) When the Web Container initializes a servlet, it creates a \_\_\_\_\_ object for the servlet?

- A. ServletConfig
- B. ServletInit
- C. ServletContext
- D. None of the above

8) Which of these classes define the getWriter() method that returns an object of type PrintWriter ?

Select the one correct answer. ?

- A. HttpServletRequest
- B. HttpServletResponse
- C. ServletConfig
- D. ServletContext

9) When the Web Container initializes a servlet, it creates a \_\_\_\_\_ object for the servlet?

- A. ServletConfig
- B. ServletInit
- C. ServletContext
- D. None of the above

10) What are the two main types of servlet ?

- A. General Servlet and HTTP Servlet
- B. Generic Servlet and HTML Servlet
- C. Generic Servlet and HTTP Servlet
- D. Gender Servlet and SMTP Servlet

11) Which protocol is used to interact with Web Client by Servlet?

- A. HTTP
- B. FTP
- C. HLTP
- D. SMTP

12) A JSP page consists of which tags?

- A. HTML tags.
- B. JSP tags.
- C. Both (a) and (b).
- D. None of the above

13) The difference between Servlets and JSP is the .....

- A. Translation
- B. compilation
- C. syntax
- D. Both A and B

14) Which of the following is true about Cleanup phase in JSP life cycle?

- A. The destruction phase of the JSP life cycle represents when a JSP is being removed from use by a container.
- B. The `jspDestroy()` method is the JSP equivalent of the `destroy` method for servlets.
- C. Both of the above.
- D. None of the above.

15) What will be output of the JSP code? `${101 % 10}`

- A. 1
- B. 10
- C. 1001
- D. 101%10

16) How can one JSP Communicate with Java file?

- a) `<%@ page extends="....." %>`
- b) `<%@ page import="....." %>`
- c) `<% @ page info="....." %>`
- d) `<% @ page isELIgnored="....." %>`

17) What is the need of a tag library?

- a) JSP tag libraries are used by Web application designers who can focus on presentation
- b) JSP tag libraries are used by Web application designers who can focus on presentation and the database access.
- c) JSP tag libraries are used by Web application designers who can focus on presentation and other enterprise services.
- d) All of above.

18) What are the advantages of JSP?

- A. Nobody can borrow the code.
- B. Faster loading of Pages.
- C. No Browser Compatibility Issues.
- D. All of the above.

19) What are the Disadvantages of JSP?

- A. Difficult Looping in JSP.
- B. Occupies a lot of space.
- C. Both of the above.
- D. None of the above.

20) An EJB Server takes care of

- A. Security
- B. Threads
- C. Connection Pooling
- D. All of the above

21) Business Components developed using EJB Architecture are called as

- A. Java Beans
- B. Enterprise Java Beans Components
- C. Enterprise Modules
- D. None of the Above

22) Message driven beans are relatively similar to

- A. Stateful Beans
- B. Singleton Beans
- C. MessageDriven
- D. Stateless Beans

23) Session Beans can be accessed from –

- A. Remote Java clients
- B. Web service clients

C. Components running in same server

D. All of the above

24) The Web services can not offer the application components like:

- a) Currency Conversion
- b) Weather Reports
- c) The Language Translation
- d) Web Browsers

25) Three specific security issues with web services.

- a) Confidentiality, Integration, Network Security.
- b) Consistency, Authentication, Network Security.
- c) Confidentiality, Authentication, Network Security.
- d) Consistency, Integration, Authentication.