

Sample Questions for TYBSc.IT SEM-5
Paper Name- Advanced Java
Course Code- USIT504

- 1) Event class is defined in which of these libraries?
 - a) java.io
 - b) java.lang
 - c) java.net
 - d) java.util
- 2) Which event is generated when the user adjusts the position of a scrollbar?
 - a) AdjustmentEvent
 - b) ComponentEvent
 - c) ActionEvent
 - d) ContainerEvent
- 3) How many ways can we align the label in a container?
 - a) One
 - b) Two
 - c) Three
 - d) Four
- 4) Swing is a part of _____.
 - a) Java Foundation Classes
 - b) Java Function Classes
 - c) Java defined Classes
 - d) Java object Classes
- 5) The _____ class is used to display menubar on the window or frame.
 - a) JOptionPane
 - b) JButton
 - c) JFrame
 - d) Jmenu
- 6) What is the name of the Swing class that is used for frames?
 - a) Window
 - b) Frame
 - c) JFrame
 - d) SwingFrame
- 7) 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

8) Which life-cycle method makes ready the servlet for garbage collection?

A. init

B. service

C. system.gc

D. destroy

9) 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`

10) When the Web Container initializes a servlet, it creates a _____ object for the servlet?

A. `ServletConfig`

B. `ServletInit`

C. `ServletContext`

D. `destroy`

11) 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

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

A. HTTP

B. FTP

C. HLTP

D. SMTP

13) _____ interface helps container to initialize Servlet .

A. ServletContext interface

B. Servlet interface

C. ServletConfig interface

D. print

1) Give the name of method to free resources before unloading servlet .

Method Name : _____

A. response ()

B. print ()

C. include ()

D. destroy ()

14) ----- method helps to sends request from servlet to another resource.

A. response ()

B. print ()

C. include ()

D. forward ()

15) Which are the two parameters of HttpServlet?

A. HttpRequest and HttpResponse

B. GET and POST

C. Init and service

D. Attributes and Parameters

16) DML functions in SQL statements use the following command to complete their function:

A. execute

B. executeQuery

C. executeUpdate

D. runQuery

17) Which JDBC driver Type(s) can be used in either applet or servlet code?

A. Both Type 1 and Type 2

B. Both Type 1 and Type 3

C. Both Type 3 and Type 4

D. Type 4 only

18) What is a DataSource in terms of JDBC.

A. A DataSource is the basic service for managing a set of JDBC drivers

B. A DataSource is the Java representation of a physical data source

C. A DataSource is a registry point for JNDI-services

D. A DataSource is a factory of connections to a physical data source

19) How can you execute a stored procedure in the database?

A. Call method execute() on a CallableStatement object

B. Call method executeProcedure() on a Statement object

C. Call method execute() on a StoredProcedure object

D. Call method run() on a ProcedureCommand object

20) When a container loads a JSP it invokes which method before servicing any requests?

A. init() method.

B. initialization() method.

C. jspInit() method.

D. initial() method.

21) Which version of EJB introduced concept of No interfaces for Session Beans?

A. EJB 1.0

B. EJB 2.1

C. EJB 3.1

D. EJB 3.2

22) Message driven beans are relatively similar to

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

23) _____ is not a core interface of hibernate.

- A. Criteria
- B. Session
- C. SessionManagement
- D. Configuration

24) How can one JSP Communicate with Java file?

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

25) Which of the following is advantage of using JDBC connection pool?

- a) Slow performance
- b) Using more memory
- c) Using less memory
- d) Better performance