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| 1. | How many JDBC driver types does Sun define? |
| |  |  | | --- | --- | | [A.](javascript:%20void%200;) | One | | [B.](javascript:%20void%200;) | Two | | [C.](javascript:%20void%200;) | Three | | [D.](javascript:%20void%200;) | Four |   Answer: Option D  Explanation:  No answer description available for this question. [Let us discuss](https://www.indiabix.com/database/jdbc-java-server-pages-and-mysql/discussion-525).  [View Answer](javascript:%20void%200;) [Discuss in Forum](https://www.indiabix.com/database/jdbc-java-server-pages-and-mysql/discussion-525) [Workspace](javascript:%20void%200;) [Report](javascript:%20void%200;) |

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| 2. | Where is metadata stored in MySQL? |
| |  |  | | --- | --- | | [A.](javascript:%20void%200;) | In the MySQL database *metadata* | | [B.](javascript:%20void%200;) | In the MySQL database *metasql* | | [C.](javascript:%20void%200;) | In the MySQL database *mysql* | | [D.](javascript:%20void%200;) | None of the above is correct. |   Answer: Option C  Explanation:  No answer description available for this question. [Let us discuss](https://www.indiabix.com/database/jdbc-java-server-pages-and-mysql/discussion-542).  [View Answer](javascript:%20void%200;) [Discuss in Forum](https://www.indiabix.com/database/jdbc-java-server-pages-and-mysql/discussion-542) [Workspace](javascript:%20void%200;) [Report](javascript:%20void%200;) |

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| 3. | Who invented Java? |
| |  |  | | --- | --- | | [A.](javascript:%20void%200;) | Netscape | | [B.](javascript:%20void%200;) | Microsoft | | [C.](javascript:%20void%200;) | Sun | | [D.](javascript:%20void%200;) | None of the above is correct.  Answer: Option C |   [View Answer](javascript:%20void%200;) [Discuss in Forum](https://www.indiabix.com/database/jdbc-java-server-pages-and-mysql/discussion-524) [Workspace](javascript:%20void%200;) [Report](javascript:%20void%200;) |

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| 4. | To run a compiled Java program, the machine must have what loaded and running? |
| |  |  | | --- | --- | | [A.](javascript:%20void%200;) | Java virtual machine | | [B.](javascript:%20void%200;) | Java compiler | | [C.](javascript:%20void%200;) | Java bytecode | | [D.](javascript:%20void%200;) | A Web browser  Answer: Option A |   [View Answer](javascript:%20void%200;) [Discuss in Forum](https://www.indiabix.com/database/jdbc-java-server-pages-and-mysql/discussion-529) [Workspace](javascript:%20void%200;) [Report](javascript:%20void%200;) |

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| 5. | Which JDBC driver Type(s) can be used in either applet or servlet code? |
| |  |  | | --- | --- | | [A.](javascript:%20void%200;) | Both Type 1 and Type 2 | | [B.](javascript:%20void%200;) | Both Type 1 and Type 3 | | [C.](javascript:%20void%200;) | Both Type 3 and Type 4 | | [D.](javascript:%20void%200;) | Type 4 only | |

Answer: Option C

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|  | \_\_\_\_\_\_\_\_ is an open source DBMS product that runs on UNIX, Linux and Windows. |
| |  |  | | --- | --- | | [A.](javascript:%20void%200;) | MySQL | | [B.](javascript:%20void%200;) | JSP/SQL | | [C.](javascript:%20void%200;) | JDBC/SQL | | [D.](javascript:%20void%200;) | Sun ACCESS |   Answer: Option A  Explanation:  No answer description available for this question. [Let us discuss](https://www.indiabix.com/database/jdbc-java-server-pages-and-mysql/discussion-540).  [View Answer](javascript:%20void%200;) [Discuss in Forum](https://www.indiabix.com/database/jdbc-java-server-pages-and-mysql/discussion-540) [Workspace](javascript:%20void%200;) [Report](javascript:%20void%200;) |

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| 7. | What is sent to the user via HTTP, invoked using the HTTP protocol on the user's computer, and run on the user's computer as an application? |
| |  |  | | --- | --- | | [A.](javascript:%20void%200;) | A Java application | | [B.](javascript:%20void%200;) | A Java applet | | [C.](javascript:%20void%200;) | A Java servlet | | [D.](javascript:%20void%200;) | None of the above is correct. |   Answer: Option B  Explanation:  No answer description available for this question. [Let us discuss](https://www.indiabix.com/database/jdbc-java-server-pages-and-mysql/discussion-530).  [View Answer](javascript:%20void%200;) [Discuss in Forum](https://www.indiabix.com/database/jdbc-java-server-pages-and-mysql/discussion-530) [Workspace](javascript:%20void%200;) [Report](javascript:%20void%200;) |

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| 8. | What MySQL property is used to create a surrogate key in MySQL? |
| |  |  | | --- | --- | | [A.](javascript:%20void%200;) | UNIQUE | | [B.](javascript:%20void%200;) | SEQUENCE | | [C.](javascript:%20void%200;) | AUTO\_INCREMENT | | [D.](javascript:%20void%200;) | None of the above -- Surrogate keys are not implemented in MySQL. |   Answer: Option C  Explanation:  No answer description available for this question. [Let us discuss](https://www.indiabix.com/database/jdbc-java-server-pages-and-mysql/discussion-541).  [View Answer](javascript:%20void%200;) [Discuss in Forum](https://www.indiabix.com/database/jdbc-java-server-pages-and-mysql/discussion-541) [Workspace](javascript:%20void%200;) [Report](javascript:%20void%200;) |

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| 9. | What is **not** true of a Java bean? |
| |  |  | | --- | --- | | [A.](javascript:%20void%200;) | There are no public instance variables. | | [B.](javascript:%20void%200;) | All persistent values are accessed using get*xxx* and set*xxx* methods. | | [C.](javascript:%20void%200;) | It may have many constructors as necessary. | | [D.](javascript:%20void%200;) | All of the above are true of a Java bean. |   Answer: Option C  Explanation:  No answer description available for this question. [Let us discuss](https://www.indiabix.com/database/jdbc-java-server-pages-and-mysql/discussion-539).  [View Answer](javascript:%20void%200;) [Discuss in Forum](https://www.indiabix.com/database/jdbc-java-server-pages-and-mysql/discussion-539) [Workspace](javascript:%20void%200;) [Report](javascript:%20void%200;) |

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| 10. | A JSP is transformed into a(n): |
| |  |  | | --- | --- | | [A.](javascript:%20void%200;) | Java applet. | | [B.](javascript:%20void%200;) | Java servlet. | | [C.](javascript:%20void%200;) | Either 1 or 2 above. | | [D.](javascript:%20void%200;) | Neither 1 nor 2 above. |   Answer: Option B |
| 11. | Which JDBC driver Type(s) can you use in a three-tier architecture and if the Web server and the DBMS are running on the same machine? |
| |  |  | | --- | --- | | [A.](javascript:%20void%200;) | Type 1 only | | [B.](javascript:%20void%200;) | Type 2 only | | [C.](javascript:%20void%200;) | Both Type 3 and Type 4 | | [D.](javascript:%20void%200;) | All of Type 1, Type 2, Type 3 and Type 4 |   Answer: Option D  Explanation:  No answer description available for this question. [Let us discuss](https://www.indiabix.com/database/jdbc-java-server-pages-and-mysql/discussion-533).  [View Answer](javascript:%20void%200;) [Discuss in Forum](https://www.indiabix.com/database/jdbc-java-server-pages-and-mysql/discussion-533) [Workspace](javascript:%20void%200;) [Report](javascript:%20void%200;) |

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| 12. | What programming language(s) or scripting language(s) does Java Server Pages (JSP) support? |
| |  |  | | --- | --- | | [A.](javascript:%20void%200;) | VBScript only | | [B.](javascript:%20void%200;) | Jscript only | | [C.](javascript:%20void%200;) | Java only | | [D.](javascript:%20void%200;) | All of the above are supported |   Answer: Option C  Explanation:  No answer description available for this question. [Let us discuss](https://www.indiabix.com/database/jdbc-java-server-pages-and-mysql/discussion-534).  [View Answer](javascript:%20void%200;) [Discuss in Forum](https://www.indiabix.com/database/jdbc-java-server-pages-and-mysql/discussion-534) [Workspace](javascript:%20void%200;) [Report](javascript:%20void%200;) |

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| 13. | What servlet processor was developed by Apache Foundation and Sun? |
| |  |  | | --- | --- | | [A.](javascript:%20void%200;) | Apache Tomcat | | [B.](javascript:%20void%200;) | Apache Web server | | [C.](javascript:%20void%200;) | Sun servlet processor | | [D.](javascript:%20void%200;) | None of the above is correct. |   Answer: Option A  Explanation:  No answer description available for this question. [Let us discuss](https://www.indiabix.com/database/jdbc-java-server-pages-and-mysql/discussion-536).  [View Answer](javascript:%20void%200;) [Discuss in Forum](https://www.indiabix.com/database/jdbc-java-server-pages-and-mysql/discussion-536) [Workspace](javascript:%20void%200;) [Report](javascript:%20void%200;) |

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| 14. | What is bytecode? |
| |  |  | | --- | --- | | [A.](javascript:%20void%200;) | Machine-specific code | | [B.](javascript:%20void%200;) | Java code | | [C.](javascript:%20void%200;) | Machine-independent code | | [D.](javascript:%20void%200;) | None of the above is correct. |   Answer: Option C  Explanation:  No answer description available for this question. [Let us discuss](https://www.indiabix.com/database/jdbc-java-server-pages-and-mysql/discussion-528).  [View Answer](javascript:%20void%200;) [Discuss in Forum](https://www.indiabix.com/database/jdbc-java-server-pages-and-mysql/discussion-528) [Workspace](javascript:%20void%200;) [Report](javascript:%20void%200;) |

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| 15. | What is invoked via HTTP on the Web server computer when it responds to requests from a user's Web browser? |
| |  |  | | --- | --- | | [A.](javascript:%20void%200;) | A Java application | | [B.](javascript:%20void%200;) | A Java applet | | [C.](javascript:%20void%200;) | A Java servlet | | [D.](javascript:%20void%200;) | None of the above is correct. |   Answer: Option C |
| 6. | Which JDBC driver Type(s) is(are) the JDBC-ODBC bridge? |
| |  |  | | --- | --- | | [A.](javascript:%20void%200;) | Type 1 | | [B.](javascript:%20void%200;) | Type 2 | | [C.](javascript:%20void%200;) | Type 3 | | [D.](javascript:%20void%200;) | Type 4 |   Answer: Option A  Explanation:  No answer description available for this question. [Let us discuss](https://www.indiabix.com/database/jdbc-java-server-pages-and-mysql/discussion-526).  [View Answer](javascript:%20void%200;) [Discuss in Forum](https://www.indiabix.com/database/jdbc-java-server-pages-and-mysql/discussion-526) [Workspace](javascript:%20void%200;) [Report](javascript:%20void%200;) |

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| 17. | How many copies of a JSP page can be in memory at a time? |
| |  |  | | --- | --- | | [A.](javascript:%20void%200;) | One | | [B.](javascript:%20void%200;) | Two | | [C.](javascript:%20void%200;) | Three | | [D.](javascript:%20void%200;) | Unlimited |   Answer: Option A  Explanation:  No answer description available for this question. [Let us discuss](https://www.indiabix.com/database/jdbc-java-server-pages-and-mysql/discussion-537).  [View Answer](javascript:%20void%200;) [Discuss in Forum](https://www.indiabix.com/database/jdbc-java-server-pages-and-mysql/discussion-537) [Workspace](javascript:%20void%200;) [Report](javascript:%20void%200;) |

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| 18. | Which JDBC driver Types are for use over communications networks? |
| |  |  | | --- | --- | | [A.](javascript:%20void%200;) | Type 3 only | | [B.](javascript:%20void%200;) | Type 4 only | | [C.](javascript:%20void%200;) | Both Type 3 and Type 4 | | [D.](javascript:%20void%200;) | Neither Type 3 nor Type 4 |   Answer: Option C  Explanation:  No answer description available for this question. [Let us discuss](https://www.indiabix.com/database/jdbc-java-server-pages-and-mysql/discussion-527).  [View Answer](javascript:%20void%200;) [Discuss in Forum](https://www.indiabix.com/database/jdbc-java-server-pages-and-mysql/discussion-527) [Workspace](javascript:%20void%200;) [Report](javascript:%20void%200;) |

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| 19. | JDBC stands for: |
| |  |  | | --- | --- | | [A.](javascript:%20void%200;) | Java Database Connectivity | | [B.](javascript:%20void%200;) | Java Database Components | | [C.](javascript:%20void%200;) | Java Database Control | | [D.](javascript:%20void%200;) | None of the above is correct. |   Answer: Option A  Explanation:  No answer description available for this question. [Let us discuss](https://www.indiabix.com/database/jdbc-java-server-pages-and-mysql/discussion-523).  [View Answer](javascript:%20void%200;) [Discuss in Forum](https://www.indiabix.com/database/jdbc-java-server-pages-and-mysql/discussion-523) [Workspace](javascript:%20void%200;) [Report](javascript:%20void%200;) |

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| 20. | How does Tomcat execute a JSP? |
| |  |  | | --- | --- | | [A.](javascript:%20void%200;) | As a CGI script | | [B.](javascript:%20void%200;) | As an independent process | | [C.](javascript:%20void%200;) | By one of Tomcat's threads | | [D.](javascript:%20void%200;) | None of the above is correct. |   Answer: Option C  **1. which Of two types of statement interfaces used with jdbc.**  A. callable statement   B. prepared statement  C. callable statement and prepared statement  D. none of above  Hide Answer !  **Answer : callable statement and prepared statement**.  **2. A message-driven bean developed for a JMS messaging system puts its business processing logic within which method?.**  A. setSessionContext method   B. onMessage method  C. ejbRemove method  D. setMessageDriverContext method  Hide Answer !  **Answer : setSessionContext method**.  **3. Which of the following statements are correct about the status of the Http response.**  A. A status of 200 to 299 signifies that the request was successful.   B. A status of 300 to 399 are informational messages.  C. A status of 400 to 499 indicates an error in the server.  D. A status of 500 to 599 indicates an error in the client.  Hide Answer !  **Answer : A status of 200 to 299 signifies that the request was successful.**.  **4. How Many Implicit Object In JSP?.**  A. 6   B. 7  C. 5  D. None Of Above  Hide Answer !  **Answer : 7**.  **5. How Many Way To Handle Error & Exception In JSP ?.**  A. Page Directive   B. The Deployment Descriptor  C. Both  D. None Of Above  Hide Answer !  **Answer : Both**.  **6. To locate the properties of editor of class we make use of.**  A. PropertyEditorManager   B. PropertyEditorySheet  C. SubEditorManager  D. SetEditorManager  Hide Answer !  **Answer : PropertyEditorManager**.  **7. To determine the behaviour of the beans in an application , we make use of the.**  A. Java.beans.SimpleBeanInfo   B. Java.beans.Introspector  C. Java.awt.\*  D. None of the above  Hide Answer !  **Answer : Java.beans.Introspector**.  **8. A property may be represented in the properties window by.**  A. displaying the value in a text field   B. using the choice element  C. using an image representing the value  D. all of the above  Hide Answer !  **Answer : all of the above**.  **9. The container is a run time environment that controls the enterprise beans and provides them with \_\_\_\_\_\_\_.**  A. Transaction management   B. Remote Client Connectivity  C. Life cycle management  D. all the above  Hide Answer !  **Answer : all the above**.  **10. The \_\_\_\_\_\_\_\_\_\_\_ class is used to store serialized objects.**  A. Serializable   B. ObjectOutputStream  C. Serialised  D. None of the above  Hide Answer !  **Answer : ObjectOutputStream**.  **11. getPathInfo() method of HttpServletRequest Interface.**  A. Returns extra path info (String following servlet path but preceding query string)   B. Returns query string  C. Returns servlet path and name  D. None of the above  Hide Answer !  **Answer : Returns extra path info (String following servlet path but preceding query string)**.  **12. What are valid methods for HttpSessionListener interface?.**  A. sessionRemoved   B. sessionDestroyed  C. sessionReplaced  D. None of the above  Hide Answer !  **Answer : sessionDestroyed**.  **13. Which of the following JSP variables are not available within a JSP expression..**  A. out   B. session  C. page  D. httpsession  Hide Answer !  **Answer : httpsession**.  **14. Which of the following statements are correct about the status of the Http response..**  A. A status of 200 to 299 signifies that the request file has moved.   B. A status of 300 to 399 is informational messages.  C. A status of 400 to 499 indicates an error in the client.  D. A status of 500 to 599 signifies that the request was successful.  Hide Answer !  **Answer : A status of 400 to 499 indicates an error in the client.**.  **15. A session is created in a servlet and that servlet has a form, which has a button. On clicking the button a new window pops up, what happens next?.**  A. The session is invalidated as soon as a new window pops up   B. Any attempt to access objects present in session throws a Exception  C. The session is available to the new window also  D. None of the above  Hide Answer !  **Answer : The session is available to the new window also**.  **16. The ServletContext interface provides direct access to the hierarchy of static content documents that are part of the web application, including HTML, GIF and JPEG files through following methods.**  A. getSource   B. getResource  C. getResourceStream  D. getSourceStream  Hide Answer !  **Answer : getResource**.  **17. Which of the following are true with respect to sendRedirect method of HttpServletResponse?.**  A. Path can be only relative   B. To support clients without redirect capability, method writes a short response body that contains a hyperlink to the new location  C. Must be called after response is committed else throws IllegalStateException  D. None  Hide Answer !  **Answer : To support clients without redirect capability, method writes a short response body that contains a hyperlink to the new location**.  **18. Which of the following actions can you achieve by invoking an appropriate method on the EntityContext from inside the ejbPassivate() method of an entity bean class .**  A. Get security information about the client   B. Get the primary key and Access the JNDI environment of the bean  C. Mark a transaction for rollback  D. Call another beans method  Hide Answer !  **Answer : Get the primary key and Access the JNDI environment of the bean**.  **19. \_\_\_\_\_\_\_ exception indicates to the web container that the servlet is either temporarily or permanently unavailable.**  A. ServletException   B. IllegalArguementException  C. UnavailableException  D. ServletContextException  Hide Answer !  **Answer : UnavailableException**.  **20. Which of the following statements are true about a Stateless session bean.**  A. An ejbRemove ( ) call from the container removes the bean instance and puts it out for the garbage collector   B. An ejbCreate call is made by the container only when a client invokes a create method  C. You can get the security information about a client from inside the ejbCreate ( ) method  D. The container will call the setSessionContext() method only once  Hide Answer !  **Answer : The container will call the setSessionContext() method only once**  **21. Which of the following exceptions are thrown if a bean instance makes a prohibited method call to its session context .**  A. java. lang.IllegalStateException   B. java.rmi.RemoteException  C. javax.ejb.illegalMethodCall  D. javax. ejb.NoSuchMethodException  Hide Answer !  **Answer : java. lang.IllegalStateException**.  **22. Which of the following methods belong to the SessionContext interface, directly or by inheritance .**  A. ejbCreate()   B. ejbActivate()  C. getRollbackOnly()  D. None of the above  Hide Answer !  **Answer : getRollbackOnly()**.  **23. Which of the following are true with respect to sendRedirect method of HttpServletResponse?.**  A. Sets the Location Header   B. Path can be only relative  C. Must be called after response is committed else throws IllegalStateException  D. None.  Hide Answer !  **Answer : Sets the Location Header**.  **24. The ServletContext interface provides direct access to the hierarchy of static content documents that are part of the web application, including HTML, GIF and JPEG files through following methods.**  A. getSource   B. getResource  C. getResourceStream  D. None  Hide Answer !  **Answer : getResource**.  **25. Which of the following transaction management properties defines that either all changes made by a transaction to a database are successfully updated, else all changes are rolled back?.**  A. Atomicity   B. Consistency  C. Isolation  D. Durability  Hide Answer !  **Answer : Atomicity**.  **26. Which interface is extended by the EJBHome interface?.**  A. RemoteHome   B. Remote  C. EJBObject  D. HomeObject  Hide Answer !  **Answer : Remote**.  **27. Which of the following is not part of a JMS Message?.**  A. Header   B. Properties  C. Body  D. Footer  Hide Answer !  **Answer : Footer**.  **28. Our multi-tier application has been deployed in a production environment and has been running and performing without incident. However, recently the volume has increased by three times normal traffic due to a very successful sales promotion. To cope with.**  A. Dividing requests evenly amongst all back end servers   B. The proxy sits behind the backend servers monitoring the performance of each one. When it notices one is being used too much it will automatically forward requests to a different server.  C. Dividing requests amongst all back end servers depending on the amount of spare CPU time each server has available.  D. A technique used to target certain requests to certain backend servers, for example, all Servlet requests from one server and all static HTML from another server.  Hide Answer !  **Answer : Dividing requests evenly amongst all back end servers**.  **29. An application has three stateless session beans B1, B2 and B3. The stubs that implement the respective Home Interfaces are H1, H2 and H3. An application performs a JNDI lookup to obtain a reference to a Home Objects. This reference is narrowed and used to.**  A. Factory Method   B. Builder  C. Service Locator  D. Prototype  Hide Answer !  **Answer : Factory Method**.  **30. The company you are working at currently doesn`t offer the facility for customers to buy box springs bundled with mattresses . Luckily they have just struck a deal with another company. The list of box springs they offer is maintained in a database that.**  A. It is not possible to connect without the JDBC driver.   B. Get the box springs company to write a web page that you can pass SQL requests implemented securely using SSL with client and server authentication.  C. Wrap some JNI access code around the ODBC driver then connect using JDBC.  D. Use the JDBC–ODBC bridge driver.  Hide Answer !  **Answer : Use the JDBC–ODBC bridge driver.**.  [ia](http://www.learnerindia.com/)   * [C-DAC](http://learnerindia.com/c-dac/c-dac.php) * [Mcq's](http://www.learnerindia.com/Advanced-java-practice-questions.php?page=4)  Advanced Java Practice Question's  1. [Home](http://learnerindia.com) 2. Advanced Java Multiple Choice Questions | Mcqs   **31. Which of the following values can be replaced in the place of 1 and 2 below Statement stmt = con.createStatement(1, 2);.**  A. ResultSet.TYPE\_SCROLL\_INSENSITIVE , ResultSet.CONCUR\_UPDATABLE   B. ResultSet.CONCUR\_UPDATABLE,ResultSet.TYPE\_SCROLL\_SENSITIVE  C. ResultSet.CONCUR\_UPDATABLE,ResultSet.TYPE\_FORWARD\_ONLY  D. All of the above  Hide Answer !  **Answer : ResultSet.TYPE\_SCROLL\_INSENSITIVE , ResultSet.CONCUR\_UPDATABLE**.  **32. The EJB timer service is used for timing notifications. It can be used with.**  A. CMP entity beans   B. both BMP and CMP entity beans  C. message-driven beans  D. B and C  Hide Answer !  **Answer : message-driven beans**.  **33. Implementing a message-driven bean requires that the developer extend two interfaces: a MessageListener interface and.**  A. a javax.ejb.SessionBean interface   B. a javax.ebj.MessageDrivenBean interface  C. an event listener interface  D. a javax.ebj.EJBHome interface  Hide Answer !  **Answer : a javax.ebj.MessageDrivenBean interface**.  **34. A message-driven bean developed for a JMS messaging system puts its business processing logic within which method:.**  A. setSessionContext method   B. onMessage method  C. ejbRemove method  D. setMessageDrivenContext method  Hide Answer !  **Answer : onMessage method**.  **35. From which object do you ask for DatabaseMetaData?.**  A. Connection   B. ResultSet  C. DriverManager  D. Driver  Hide Answer !  **Answer : Connection**.  **36. When a JSP page is compiled, what is it turned into.**  A. Applet   B. Servlet  C. Application  D. Mailet  Hide Answer !  **Answer : Servlet**.  **37. Controller components in struts are java classes and must be built using specific rules. They are usually referred as:.**  A. Actions   B. Action  C. Action classes  D. Action controller  Hide Answer !  **Answer : Action classes**.  **38. With Database metadata/ Resultset metadata.**  A. You can get information without establishing connection.   B. Information about database/Resultset can be obtained.  C. Can be used to save some database/Resultset information.  D. None of the above  Hide Answer !  **Answer : Information about database/Resultset can be obtained.**.  **39. Select statements, which are valid for Cookie.**  A. Cookies are transferred to HTTP Header.   B. Cookie is name and Object pair.  C. Cookies can be disabled on client browser.  D. Cookies should be used to give better client interaction but should not be used where business logic is dependent on them.  Hide Answer !  **Answer : Cookies can be disabled on client browser.**.  **40. Select statements, which are valid for Session.**  A. Session variables are maintained on Server.   B. Session variables can store objects.  C. Same Session State is valid for Jsp also.  D. Session gets destroyed when connection breaks.  Hide Answer !  **Answer : Session gets destroyed when connection breaks.**  **Answer : ActionForward,ActionMapping**.  **47. Which statement is correct..**  A. The response from the server to a HEAD request consists of status line. Content type and the document.   B. The response from server to GEt request does not contain document.  C. The setStatus method defined in HttpServletRequest class takes an int as an argument and sets the status of the Http response.  D. HttpServletResponse defines consatnts like SC\_NOT\_FOUND that may be used as parameter to a setStatus method.  Hide Answer !  **Answer : HttpServletResponse defines consatnts like SC\_NOT\_FOUND that may be used as parameter to a setStatus method.**.  **48. The idea behind the J2EE platform is to provide a simple,\_\_\_\_\_ standard for distributed application through a component-based application model..**  A. effective   B. efficient  C. unified  D. None  Hide Answer !  **Answer : unified**.  **49. The MIME stand for \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_..**  A. Multipurpose internet mail execution   B. Multipurpose internet method extension  C. Multipurpose internet mail extension  D. Multipurpose invalid mail extension  Hide Answer !  **Answer : Multipurpose internet mail extension**.  **50. What is the key difference between using a < jsp:forward > and HttpServletResponse.sendRedirect()?.**  A. forward executes on the client while sendRedirect() executes on the server   B. forward executes on the server while sendRedirect() executes on the client  C. The two methods perform identically  D. none  Hide Answer !  **Answer : forward executes on the server while sendRedirect() executes on the client**.  **51. When the ejbRemove method encounters a sysyem problem ,it should throw\_\_\_\_\_\_\_\_\_.**  A. javax.ejb.NoSuchEntityException   B. java.ejb.EJBException  C. java.ejb.RemoveException  D. javax.ejb.DuplicateKeyException  Hide Answer !  **Answer : java.ejb.EJBException**.  **52. \_\_\_\_\_\_\_\_\_\_\_ is a block of java code in JSP that is used define class-wide variables and methods in the generated class file.**  A. scriplets   B. declarations  C. element  D. expression  Hide Answer !  **Answer : declarations**.  **53. Which of the following is not an implicit object ?.**  A. date   B. request  C. out  D. pagecontext  Hide Answer !  **Answer : date**.  **54. An Enterprise JavaBeans can be deployed in \_\_\_\_\_\_\_.**  A. J2EE server   B. Weblogic  C. Web sphere  D. All of the above  Hide Answer !  **Answer : All of the above**.  **55. Mapping files (\*.hbm.xml) is used \_\_\_\_\_\_\_\_\_\_.**  A. to map persistent objects to a relational database   B. to configure the hibernate services (connection driver class, connection URL)  C. to configure the hibernate services (connection username, connection password, dialect etc)  D. All the above  Hide Answer !  **Answer : to map persistent objects to a relational database**.  **56. Consider the following HTML page code: < html > < body > < a href='/servlet/HelloServlet' >POST< /a > < /body >< /html > Which method of HelloServIet will be invoked when the hyperlink is clicked?.**  A. doGet   B. doPost  C. doHref  D. servicePost  Hide Answer !  **Answer : doGet**.  **57. Which of the following lines would you use to include the output of Data- Servlett into any other serviet .**  A. RequestDispatcher rd=request. getRequestDispatcher( '/Bervlet/DataServlet'); rd.include(request, response)    B. RequestDispatcher rd = request .getRequest:Dispatcher( '/servlet/DataSel•vlet');  C. RequestDispatcher rd = request.geCRequestDispatcher(); rd.inelude('/servIet/DataServIet',reguest,response);  D. RequestDispatcher rd = request.getRequestDispatcher(); rd. include ('/servlet/Dataservlet' ,response)  Hide Answer !  **Answer : RequestDispatcher rd=request. getRequestDispatcher( '/Bervlet/DataServlet'); rd.include(request, response)** .  **58. To determine the behaviour of the beans in an application , we make use of .**  A. Java.beans.SimpleBeanInfo   B. Java.beans.Introspector  C. Java.awt.\*  D. None of the above  Hide Answer !  **Answer : Java.beans.Introspector**.  **59. Which of the elements defined within the taglib element of taglib descriptor file are required.**  A. uri   B. jsp-version  C. display-name  D. None  Hide Answer !  **Answer : jsp-version**.  **60. Name the element within the tag element that defines the tag class that implements the functionality of tag.**  A. tag   B. tag-class  C. tag-name  D. tag-uri  Hide Answer !  **Answer : tag-class**  **61. \_\_\_\_\_\_\_\_\_\_ provides the ability to directly insert java into an HTML document.**  A. declarations   B. scriptlets  C. directives  D. None of the above  Hide Answer !  **Answer : scriptlets**.  **62. \_\_\_\_\_\_\_\_\_\_\_ pattern enables improved network traffic and response time. Fewer remote calls are made and less data is passed back and forth.**  A. Value Objects   B. Data Access Objects  C. Facade  D. Business Delegate  Hide Answer !  **Answer : Value Objects**.  **63. Which of the following of beans would survive a server crash.**  A. Entity beans   B. Stateless session beans  C. Stateful session beans  D. Message-driven beans  Hide Answer !  **Answer : Entity beans**.  **64. Which of the following statements are true about locating or using the home interface of a session bean.**  A. Once acquired, the home interface can be used only once   B. Each instance of a session bean has its own EJBHome object  C. The InitialContext must be narrowed before it can be used to get the home interface  D. None of the above  Hide Answer !  **Answer : None of the above**.  **65. Which of the following statements are correct about a session bean whose class contains the following method? public void ejbCreate (String id).**  A. It is a Stateless session bean   B. The home interface of the bean has the method create (String id) declared in it  C. The component interface ofthe bean has the method ejbCreate (String id) declared in it   D. None of the above  Hide Answer !  **Answer : The home interface of the bean has the method create (String id) declared in it**.  **66. What are valid methods for HttpSessionListener interface.**  A. sessionRemoved   B. sessionDestroyed  C. sessionReCreated  D. sessionReplaced  Hide Answer !  **Answer : sessionDestroyed**.  **67. Sites using HTTPS that is HTTP plus SSL(Secure Sockets Layer ) can be identified by.**  A. There is no way one can detect that site uses HTTPS protocol   B. The URL of the website begins with https: instead of http  C. The URL of the website begins with ssl: instead of http  D. The URL of the website begins with shttp  Hide Answer !  **Answer : The URL of the website begins with https: instead of http**.  **68. An object which implements the interfaces java.rmi.Remote and java.io.Serializable is being sent as a method parameter from one JVM to another. How would it be sent by RMI?.**  A. RMI will serialize the object and send it   B. RMI will send the stub of the object  C. Either A or B Throws an exception  D. None  Hide Answer !  **Answer : RMI will send the stub of the object**.  **69. In the JMS, message producers and message consumers are created by which of the following objects?.**  A. Connection Factories   B. Message Listeners  C. Connections  D. Sessions  Hide Answer !  **Answer : Sessions**.  **70. To author a Session bean which of the following classes are needed?.**  A. A Home interface, A Remote Interface, a class that implements Enterprisebean interface and a PrimaryKey class   B. A Home interface, A Remote Interface and a class that implements the SessionBean interface  C. A Remote Interface and a class that implements the SessionBean interface  D. A Home interface, A Remote Interface and a class that implements the EnterpriseBean interface  Hide Answer !  **Answer : A Home interface, A Remote Interface and a class that implements the SessionBean interface**.  [LearnerIndia](http://www.learnerindia.com/)   * [C-DAC](http://learnerindia.com/c-dac/c-dac.php) * [Mcq's](http://www.learnerindia.com/Advanced-java-practice-questions.php?page=8)  Advanced Java Practice Question's  1. [Home](http://learnerindia.com) 2. Advanced Java Multiple Choice Questions | Mcqs   **71. What will happen if a transactional client invokes an enterprise Bean method whose transaction attribute is set to `Never` within a transaction context ?.**  A. TransactionRequiredException is thrown to the client   B. TransactionNotSupportedException is thrown to the client  C. Transaction is suspended till the bean method is completed  D. RemoteException is thrown to the client  Hide Answer !  **Answer : RemoteException is thrown to the client**.  **72. Which of the following statement is false regarding the exceptions in JDBC.**  A. SQLWarning objects are a subclass of SQLException that deal with database access warnings   B. Warnings stop the execution of an application, as exceptions do; they simply alert the user that something did not happen as planned  C. Connection object has a getWarning() method in it  D. Statement and ResultSet objects have getWarning() methods in it  Hide Answer !  **Answer : Warnings stop the execution of an application, as exceptions do; they simply alert the user that something did not happen as planned**.  **73. JDBC-ODBC Bridge does not work with Microsoft J++, because it does not support.**  A. Java Native Interface   B. JNDI  C. JINI  D. None of above  Hide Answer !  **Answer : Java Native Interface**.  **74. The JDBC-ODBC bridge is.**  A. Multithreaded   B. Singlethreaded  C. Both of the above  D. None of the above  Hide Answer !  **Answer : Multithreaded**.  **75. Name the class that includes the getSession method that is used to get the HttpSession object.**  A. HttpServletRequest   B. HttpServletResponse  C. SessionContext  D. SessionConfig  Hide Answer !  **Answer : HttpServletRequest**.  **76. The EJB timer service is used for timing notifications. It can be used with.**  A. CMP entity beans   B. both BMP and CMP entity beans  C. message-driven beans  D. B and C  Hide Answer !  **Answer : message-driven beans**.  **77. What does the EJB specification architecture define.**  A. Transactional components   B. Distributed object components  C. Server-side components  D. All of the above  Hide Answer !  **Answer : All of the above**.  **78. How can I use JDBC to create a database?.**  A. Include create=true at end of JDBC URL   B. Execute 'CREATE DATABASE jGuru' SQL statement  C. Execute 'STRSQL' and 'CREATE COLLECTION jGuru' SQL statements  D. Database creation is DBMS specific  Hide Answer !  **Answer : Database creation is DBMS specific**.  **79. When using a JavaBean to get all the parameters from a form, what must the property be set to (??? in the following code) for automatic initialization? < jsp:useBean id='fBean' class='govi.FormBean' scope='request'/> < jsp:setProperty name='fBean' property='???' /> < jsp:forward page='/servlet/JSP2Servlet' />.**  A. \*   B. all  C. @  D. =  Hide Answer !  **Answer : \***.  **80. Stub is a \_\_\_\_\_\_\_\_\_\_\_\_ proxy for the remote object. .**  A. Server side   B. Client side  C. Both side  D. none of the above  Hide Answer !  **Answer : Client side**   1. [Home](http://learnerindia.com) 2. Advanced Java Multiple Choice Questions | Mcqs   **81. Which page directive attribute allows you to take care of possible thread conflicts?.**  A. session   B. extends  C. buffer  D. IsThreadSafe  Hide Answer !  **Answer : IsThreadSafe**.  **82. In the Model View Controller architecture of an enterprise application, which of the following can be 'best suited' as the Controller?.**  A. Servlets   B. Java Server Page  C. Session Bean  D. Option 1 and Option 3  Hide Answer !  **Answer : Option 1 and Option 3**. |

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**Java Multiple Choice Questions With Answers set-6**

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1. JSP embeds in ……………. in ………………….

A) Servlet, HTML

B) HTML, Java

C) HTML, Servlet

D) Java, HTML

2. The class at the top of exception class hierarchy is ……………………..

A) ArithmeticException

B) Throwable

C) Class

D) Exception

3. In a java program, package declaration ……………….. import statements.

A) must precede

B) must succeed

C) may precede or succeed

D) none

4. The class string belongs to ………………. package.

A) java.awt

B) java.lang

C) java.applet

D) java.string

5. …………… package is used by compiler itself. So it does not need to be imported for use.

A) java.math

B) java.awt

C) java.applet

D) java.lang

6. State true or false for the following statements in Java.

i) Java beans slow down software development process.

ii) Java Servlets do not have built in multithreading feature.

A) i-false, ii-false

B) i-false, ii-true

C) i-true, ii-false

D) i-true, ii-true

7. State whether true or false.

i) init( ) of servlet is called after a client request comes in

ii) Servlets are ultimately converted into JSP

A) i-false, ii-false

B) i-false, ii-true

C) i-true, ii-false

D) i-true, ii-true

8. What will be the result of compiling following code.

public class MyClass{  
public static void main(String args[]){  
System.out.println(“In first main()”);  
}  
public static void main(char args[]){  
System.out.println(‘a’);  
}  
}

A) Code will not compile and will give “Duplicate main() method declaration” error

B) Code will compile correctly but will give a runtime  exception

C) Code will compile correctly and will print “In first main()” (without quotes) when it is run

D) Code will compile correctly and will print “a” (without quotes) when it is run

9.Match the following.

a) Java                      1) is a tool for debugging java program

b) Javah                    2) is a tool for creating C-like header files

c) Javap                    3) runs java bytecode

d) jdb                        4) prints java code representation

A) a-3, b-2,c-1

B) a-3, b-2, c-4, d-1

C) a-1, b-2, c-3, d-4

D) a-2, b-1, c-3, d-4

10.State true or false.

i) init() is called after start() in applet

ii) applets are used for networking

iii) inheritance is a part of Java Foundation Classes

iv) final does not prevent inheritance

A) i-true, ii-true, iii-false, iv-true

B) i-false, ii-false, iii-false, iv-false

C) i-true, ii-true, iii-true, iv-true

D) i-true, ii-false, iii-false, iv-false

**Answers:**

1.  D) Java, HTML

2.  B) Throwable

3.  A) must precede

4.  B) java.lang

5.  D) java.lang

6.  A) i-false, ii-false

7.  A) i-false, ii-false

8.  C) Code will compile correctly and will print “In first main()” (without quotes) .. run

9.  B)  a-3, b-2, c-4, d-1

10.B) i-false, ii-false, iii-false, iv-false