



**Dr.G.R.Damodaran College of Science**  
(Autonomous, affiliated to the Bharathiar University, recognized by the  
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Certified  
CRISL rated 'A' (TN) for MBA and MIB Programmes

III MCA[2015-2018]  
Semester V  
Core: Enterprise Computing and Java - 554B  
Multiple Choice Questions.

1. Java is a \_\_\_\_\_ language

- A. Object Oriented
- B. Procedural
- C. Embedded
- D. Mid-level

ANSWER: A

2. Which is a valid keyword in java?

- A. object
- B. transient
- C. java
- D. native

ANSWER: B

3. Which is not a valid comment style in Java?

- A. /\* comment \*/
- B. /\* comment
- C. /\*\* comment \*/
- D. // comment

ANSWER: B

4. A collection of methods with no implementation is called an \_\_\_\_\_.

- A. Polymorphism
- B. Inheritance
- C. Interface
- D. Data Binding

ANSWER: C

5. A method can be called directly with a class name without having an object of it. What a method should be?

- A. public
- B. static
- C. private
- D. friend

ANSWER: B

6. If you access an uninitialized local variable will result?

- A. Syntax Error
- B. Compile Time Error
- C. Run Time Error
- D. No Error

ANSWER: B

7. Which is right way to declare Array?

- A. `int[] myArray;`
- B. `int myArray[];`
- C. `int []myArray;`
- D. A and B Both

ANSWER: D

8. Which is right way to creating an array of integer?

- A. `javaArray = new int[10];`
- B. `javaArray new = myArray[10];`
- C. `int[] javaArray = new int[10];`
- D. A and C Both

ANSWER: D

9. \_\_\_\_\_ package is used for networking operations in java.

- A. `java.net.*`
- B. `javax.net.*`
- C. `java.network.*`
- D. `javaw.net.*`

ANSWER: A

10. Which keyword is used to override a class

- A. `extends`
- B. `implement`
- C. `super`
- D. `implements`

ANSWER: D

11. Overloaded methods are differentiated by

- A. Number of arguments
- B. Data type of arguments
- C. Number and the Data type of the arguments
- D. name of the function

ANSWER: C

12. The purpose of RMI Architecture is

- A. peer to peer computing
- B. distributed computing
- C. grid computing
- D. cloud computing

ANSWER: B

13. A constructor that is automatically generated in the absence of explicit constructors called?

- A. Default Constructor
- B. Nullary Constructor

- C. Empty Constructor
- D. All the above

ANSWER: D

14. What output is displayed as the result of executing the following statement? `System.out.println("// Looks like a comment.");`

- A. // Looks like a comment
- B. The statement results in a compilation error
- C. Looks like a comment
- D. No output is displayed

ANSWER: A

15. Which of the following is a default package to a java program?

- A. `java.lang.*`
- B. `java.util.*`
- C. `java.io.*`
- D. `java.sql.*`

ANSWER: A

16. In order for a source code file, containing the public class Test, to successfully compile, which of the following must be true?

- A. It must have a package statement
- B. It must be named Test.java
- C. It must import java.lang
- D. It must declare a public class named Test

ANSWER: B

17. The main() method should be declared

- A. only once
- B. may be many times
- C. only twice
- D. atleast once

ANSWER: A

18. Which class cannot be a subclass in java?

- A. abstract class
- B. parent class
- C. Final class
- D. static class

ANSWER: C

19. Can we access private class outside the package?

- A. yes
- B. no
- C. yes, with constraints
- D. yes, only in derived class

ANSWER: B

20. Why we use array as a parameter of main method?

- A. it is syntax
- B. Can store multiple values

- C. A and C
- D. required for compilation

ANSWER: B

21. An Applet is a programm runnable in

- A. a frame
- B. a window
- C. a browser
- D. a panel

ANSWER: C

22. Runnable is

- A. Class
- B. Method
- C. Variable
- D. Interface

ANSWER: D

23. Which collection class associates values witch keys, and orders the keys according to their natural order?

- A. java.util.HashSet
- B. java.util.LinkedList
- C. java.util.TreeMap
- D. java.util.SortedSet

ANSWER: C

24. Which method is used to perform DML statements in JDBC?

- A. execute()
- B. executeUpdate()
- C. executeQuery()
- D. executeSQL()

ANSWER: B

25. Program which executes applet is known as

- A. applet engine
- B. virtual machine
- C. JVM
- D. Interpreter

ANSWER: A

26. Converting a primitive type data into its corresponding wrapper class object instance is called

- A. boxing
- B. wrapping
- C. instantiation
- D. autoboxing

ANSWER: D

27. Package of drawstring() method is

- A. java.applet
- B. java.io
- C. javax.swing

D. java.awt  
ANSWER: D

28. Which method executes only once in applet?

- A. start() method
- B. init() method
- C. stop() method
- D. destroy() method

ANSWER: C

29. Object which can store group of other objects is called

- A. Collection object
- B. Java object
- C. Package
- D. Wrapper

ANSWER: A

30. All collection classes are available in

- A. java.io package
- B. java.lang package
- C. java.awt package
- D. java.util package

ANSWER: D

31. Thread class is available in

- A. java.io package
- B. java.lang package
- C. java.awt package
- D. java.util package

ANSWER: B

32. Minimum threads in a program are

- A. 1
- B. 2
- C. 5
- D. Many

ANSWER: A

33. JIT meaning

- A. java in time
- B. just in time
- C. join in time
- D. Java init time

ANSWER: B

34. After the compilation of the java source code, the type of the file is

- A. class
- B. java
- C. cdr
- D. doc

ANSWER: A

35. Dictionary is a class available in

- A. lang package
- B. util package
- C. net package
- D. sql package

ANSWER: B

36. \_\_\_\_\_ has no return type

- A. destructor
- B. constructor
- C. class
- D. method

ANSWER: B

37. MS-Access DB is connected with Java Program using \_\_\_\_\_ third party driver.

- A. ucannotaccess
- B. ucanaccess
- C. ycanaccess
- D. zcanaccess

ANSWER: B

38. If a method have same name as class and do not have any return type then it is known as

- A. destructor
- B. object
- C. variable
- D. constructor

ANSWER: D

39. Methods that have same name but different Parameter list and different definition known as

- A. overriding
- B. constructor
- C. overloading
- D. polymorphism

ANSWER: C

40. Which type of inheritance is not supported by java?

- A. single
- B. multiple
- C. multilevel
- D. hybrid

ANSWER: B

41. String is predefined

- A. method
- B. class
- C. variable
- D. object

ANSWER: B

42. Super is predefined

- A. keyword
- B. method
- C. keyword and method
- D. variable

ANSWER: C

43. Execution of the program is always begins with

- A. main method
- B. class contain main method
- C. parent class
- D. default package

ANSWER: A

44. All methods of interface are \_\_\_\_\_

- A. public and abstract
- B. neither public nor abstract
- C. only public
- D. only abstract

ANSWER: A

45. In java, gc() method is available in which package

- A. java.lang package
- B. java.util package
- C. java.awt package
- D. java.io package

ANSWER: A

46. JAR file contains the compressed version of

- A. java file
- B. class file
- C. jsp file
- D. beans file

ANSWER: B

47. Process of creating exact copy of the existing object is called

- A. cloning
- B. overloading
- C. overriding
- D. copying

ANSWER: A

48. Java intermediate code is known as

- A. first code
- B. mid code
- C. object code
- D. byte code

ANSWER: D

49. Which command is used for interpretation of java program?

- A. java
- B. javac

- C. javap
- D. rmic

ANSWER: B

50. What is meaning of jar?

- A. java archived
- B. java array
- C. java architecture
- D. java arranged

ANSWER: A

51. Which method is used to set the text of a Label object?

- A. setLabel( ).
- B. setTextLabel( ).
- C. setLabelText( ).
- D. setText( ).

ANSWER: D

52. Which thread is created automatically when the program is started?

- A. Compound Thread
- B. Main Thread
- C. Block Thread
- D. File Thread

ANSWER: B

53. Which of the following are Java keywords?

- A. goto
- B. mallac
- C. extends
- D. implement

ANSWER: C

54. How many JDBC driver types does Sun define?

- A. One
- B. Two
- C. Three
- D. Four

ANSWER: D

55. 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. Type 1 only
- B. Type 2 only
- C. Both Type 3 and Type 4
- D. All of Type 1, Type 2, Type 3 and Type 4

ANSWER: D

56. In JDBC API, How many packages exist?

- A. two
- B. one
- C. three



D. four

ANSWER: A

57. Type 1 driver must require ...

- A. IP address
- B. Data Source Name
- C. Datatype
- D. main method()

ANSWER: B

58. DriverManager class exists in \_\_\_\_

- A. javax.sql.\*
- B. java.sqlx.\*
- C. java.sql.\*
- D. javax.sqlx.\*

ANSWER: C

59. The interface lets you to execute SQL statements over the underlying connection and access the results

- A. javax.sql.Statement
- B. java.sql.PreparedStatement
- C. java.sql.Statement
- D. javax.sql.PreparedStatement

ANSWER: C

60. JDBC includes facilities to obtain \_\_\_\_\_ about the database, parameters to statements and results

- A. metadata
- B. mobiledata
- C. parameter
- D. statements

ANSWER: A

61. The exception class used for handling query statement is \_\_\_\_\_

- A. JDBC Exception
- B. QueryException
- C. DSN Exception
- D. SQL Exception

ANSWER: D

62. The First task in JDBC is \_\_\_\_\_

- A. to establish a connection
- B. register a driver
- C. create a statement
- D. collect the resultset

ANSWER: B

63. Select clause of an SQL is done by \_\_\_\_\_

- A. execute()
- B. executeQuery()
- C. executeUpdate

D. executeSelect()

ANSWER: B

64. When a connection is created, by default it is in \_\_\_\_\_

- A. rollback mode
- B. execute mode
- C. select mode
- D. auto commit mode

ANSWER: D

65. A connection is closed by \_\_\_\_\_

- A. close()
- B. connectionclose()
- C. connectionobject.close()
- D. drivermanager.close()

ANSWER: C

66. \_\_\_\_\_ sets the NULL values for the parameters

- A. null()
- B. setNull()
- C. NULL()
- D. SETNULL()

ANSWER: B

67. ? symbol is used for \_\_\_\_\_

- A. parameter in query language
- B. parameter in prepared statement
- C. parameter in callable statement
- D. parameter in statement

ANSWER: B

68. \_\_\_\_\_ is a subroutine in a database and is available to applications accessing the database

- A. stored procedure
- B. schema
- C. table
- D. SQL Statements

ANSWER: A

69. Connection Pooling is done by \_\_\_\_\_ package.

- A. java.sql.\*
- B. javaw.sql.\*;
- C. javax.sql.\*;
- D. java.db.\*;

ANSWER: C

70. \_\_\_\_\_ object maintains a cursor pointing to its current row of data. Initially the cursor is positioned before the first row.

- A. Connection
- B. Driver manager
- C. Execute
- D. Resultset

ANSWER: D

71. To move the next record in a query \_\_\_\_\_ is used.

- A. nextrecord()
- B. next()
- C. go()
- D. nextrow()

ANSWER: B

72. \_\_\_\_\_ retrieves the SQL cursor name used by the resultset object

- A. cursor()
- B. getCursorName()
- C. getCursor()
- D. getResultSet()

ANSWER: B

73. Short datatype in Java is referred as \_\_\_\_\_ in JDBC

- A. INT
- B. LONGINT
- C. SHORTINIT
- D. SMALLINIT

ANSWER: D

74. Scott and tiger are popular words in \_\_\_\_\_

- A. Oracle
- B. mySQL
- C. MSACCESS
- D. PostgreSQL

ANSWER: A

75. Which option allows you to submit multiple DML/DDI operations to a data source for processing simultaneously?

- A. multiple()
- B. concurrent()
- C. batchUpdate()
- D. batch()

ANSWER: C

76. Which of the following methods are invoked by the AWT to support paint and repaint operations?

- A. paint()
- B. draw()
- C. redraw()
- D. repaint()

ANSWER: A

77. The code below draws a line. What color is the line? `g.setColor(Color.red.green.yellow.red.cyan);`  
`g.drawLine(0, 0, 100,100);`

- A. yellow
- B. red
- C. cyan
- D. green

ANSWER: B

78. Assuming a method contains code which may raise an Exception (but not a Runtime Exception), what is the correct way for a method to indicate that it expects the caller to handle that exception?

- A. throw Exception.
- B. throws Exception.
- C. new Exception.
- D. Don't need to specify anything.

ANSWER: B

79. Which of the following is a legal return type of a method overloading the following method? `public void add(int a) {...}`

- A. void
- B. int
- C. can be anything
- D. string

ANSWER: C

80. Which of the following statements is correct for a method which is overriding the following method? `public void add(int a) {...}`

- A. the overriding method must return void.
- B. the overriding method must return int.
- C. the overriding method can return whatever it likes.
- D. the overriding method must return float.

ANSWER: A

81. Which constructor creates a `TextArea` with 10 rows and 20 columns?

- A. `new TextArea(new Rows(10), new columns(20))`.
- B. `new TextArea(20, 10)`.
- C. `new TextArea(10, 20)`.
- D. `new TextArea(200)`.

ANSWER: C

82. Which of the following creates a `List` with 5 visible items and multiple selection enabled?

- A. `new List(true, 5)`.
- B. `new List(5, false)`.
- C. `new List(false, 5)`.
- D. `new List(5, true)`.

ANSWER: D

83. Which method returns the preferred size of a component?

- A. `getPreferredSize()`.
- B. `getPreferred()`.
- C. `getRequiredSize()`.
- D. `getLayout()`.

ANSWER: A

84. Which layout should you use to organize the components of a container in a tabular form?

- A. `CardLayout`.
- B. `BorderedLayout`.
- C. `FlowLayout`.

D. GridLayout.

ANSWER: D

85. What class must an inner class extend?

- A. The top level class.
- B. The Object class.
- C. Any class or interface.
- D. It must extend an interface.

ANSWER: C

86. What is the name of the interface that can be used to define a class that can execute within its own thread?

- A. Runnable.
- B. . Run.
- C. Threadable.
- D. Thread.

ANSWER: A

87. What is the name of the method used to schedule a thread for execution?

- A. init();
- B. start();
- C. run();
- D. resume();

ANSWER: B

88. Which methods may cause a thread to stop executing?

- A. wait();
- B. notify();
- C. notifyAll()
- D. synchronized()

ANSWER: A

89. All java classes are derived from

- A. java.lang.Class
- B. java.util.Name
- C. java.lang.Object
- D. java.awt.Window

ANSWER: A

90. The jdb is used to \_\_\_\_\_

- A. create a jar archive
- B. debug a java program
- C. create C header file
- D. generate java documentation

ANSWER: B

91. For execution of DELETE SQL query in JDBC, ..... method must be used.

- A. executeQuery()
- B. executeDeleteQuery()
- C. executeUpdate()
- D. executeDelete()

ANSWER: C

92. When a program class implements an interface, it must provide behavior for \_\_\_\_\_
- A. two methods defined in that interface
  - B. any methods in a class
  - C. only certain methods in that interface
  - D. all methods defined in that interface

ANSWER: D

93. Prepared Statement object in JDBC used to execute \_\_\_\_\_ queries.
- A. executable
  - B. simple
  - C. sigh level
  - D. parameterized

ANSWER: D

94. Which of the following is not mandatory in variable declaration?
- A. a semicolon
  - B. an identifier
  - C. an assignment
  - D. a data type

ANSWER: C

95. \_\_\_\_\_ database is used as template for all databases created.
- A. Master
  - B. Model
  - C. Tempdb
  - D. Meta

ANSWER: B

96. One aspect that has to be dealt with by the integrity subsystem is to ensure that only valid values can be assigned to each data items. This is referred to as
- A. Data Security
  - B. Domain access
  - C. Data Control
  - D. Domain Integrity

ANSWER: D

97. Which of the following is/are the DDL statements?
- A. Create
  - B. Drop
  - C. Alter
  - D. All of the above

ANSWER: D

98. In snapshot, the \_\_\_\_\_ clause tells oracle how long to wait between refreshes.
- A. Complete
  - B. Force
  - C. Next
  - D. Refresh

ANSWER: D

99. Anything that affects the database schema is a part of \_\_\_\_\_

- A. DDL
- B. DCL
- C. DML
- D. All the above

ANSWER: A

100. Oracle DB is connected with Java Program with \_\_\_\_\_ driver.

- A. Oracle Driver
- B. Third party Driver
- C. Odbc Driver
- D. Oracle Thin Driver

ANSWER: D

101. A \_\_\_\_\_ allows to make copies of the database periodically to help in the cases of crashes & disasters.

- A. Recovery utility
- B. Backup Utility
- C. Monitoring utility
- D. Data loading utility

ANSWER: B

102. \_\_\_\_\_ allows definitions and query language statements to be entered; query results are formatted and displayed.

- A. Schema Processor
- B. Query Processor
- C. Terminal Interface
- D. browser

ANSWER: B

103. Which can be used to delete all the rows if a table?

- A. Delete \* from table\_name
- B. Delete from table\_name
- C. Delete table\_name
- D. all rows cannot be deleted at a time.

ANSWER: A

104. 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

ANSWER: B

105. \_\_\_\_\_ is a building block for creating web interfaces and dynamic pages in java.

- A. servlets
- B. applets
- C. midlets
- D. xml

ANSWER: A

106. Which of the following is true? 1. Servlet is a Java technology based Web component. 2. Servlet servlets are platform-independent 3. Servlet has run on Web server which has a containers 4. Servlets interact with Web clients via a request/response using HTTP protocol.

- A. 1,2,3,4
- B. 1,2,3
- C. 1,3,4
- D. 1 only

ANSWER: A

107. Which of the following methods are main methods in life cycle of servlet? 1.init() 2 .service() 3.destroy() 4.srop() 5.wait()

- A. 1,2,3,4,5
- B. 1,2,3
- C. 3,4,5
- D. 1,4,5

ANSWER: B

108. init(),service() and destroy()methods are define in 1.javax.servlet.Servlet interface 2.javax.servlet.ServletHttp class 3.javax.servlet.ServletRequest interface 4.javax.servlet.ServletResponse interface

- A. 1,2,3,4,5
- B. 1
- C. 3,4,5
- D. 1,4,5

ANSWER: B

109. Expansion of WAR is

- A. WWW Archive
- B. Wait Archive
- C. WSDL Archive
- D. Web Archive

ANSWER: D

110. There are \_\_\_\_\_ types of servlet classes to generate

- A. 3
- B. 4
- C. 2
- D. 1

ANSWER: C

111. Generic Servlets are protocol neutral.

- A. True
- B. False
- C. Partially True
- D. Partially False

ANSWER: A

112. Servlet has a dedicated lifecycle

- A. yes
- B. no



- C. partially true
- D. partially false

ANSWER: A

113. JBoss is a

- A. Web Server
- B. Web Service
- C. Web Client
- D. Web browser

ANSWER: A

114. Once the servlet has been instantiated, the web container calls the \_\_\_\_\_ method

- A. start
- B. instance()
- C. init()
- D. begin()

ANSWER: C

115. \_\_\_\_\_ provides the basic implementation of the Servlet interface

- A. Servlet
- B. Generic Servlet
- C. HttpServlet
- D. ServletConfig

ANSWER: B

116. A web container maintains a pool of servlet instances called \_\_\_\_\_.

- A. object Pooling
- B. web Pooling
- C. instance Pooling
- D. servlet Pooling

ANSWER: C

117. The scope of the service() method is \_\_\_\_\_

- A. public
- B. private
- C. protected
- D. public or protected

ANSWER: A

118. Web containers otherwise called as \_\_\_\_\_

- A. web Technology
- B. web Programmers
- C. servlet Engine
- D. web Engine

ANSWER: C

119. The instance is destroyed and marked for garbage collection by \_\_\_\_\_.

- A. ServletException Class
- B. Garbage Class
- C. Exception Class
- D. UnavailableException Class

ANSWER: D

120. The return type of getInitParameterName() method is \_\_\_\_\_.

- A. string
- B. int
- C. varchar
- D. enumeration

ANSWER: D

121. The parameters and control specifications of a servlet is stored in \_\_\_\_\_.

- A. web.xml
- B. servlet.xml
- C. index.jsp
- D. index.servlet

ANSWER: A

122. A server cannot reload a servlet after it is destroyed.

- A. false, can reload
- B. true, cannot
- C. servlet refreshed
- D. servlet destroyed

ANSWER: B

123. Multiple servlets are arranged together to pass inputs from one to one is called \_\_\_\_\_.

- A. servlet Pool
- B. servlet Engine
- C. servlet Chain
- D. servlet Filter

ANSWER: C

124. URI means \_\_\_\_.

- A. Uniform Resource Identifier
- B. United Resource Identifier
- C. Universal Request Identifier
- D. Universal Resource Identifier

ANSWER: D

125. RMI means

- A. Remote Module Invocation
- B. Remote Method Invocation
- C. Remote Meta Invoking
- D. Remote Message Invoking

ANSWER: B

126. \_\_\_\_\_ refers to a set of actions that occur when an application is running

- A. An object
- B. An instance
- C. An event
- D. A method

ANSWER: C

127. A Servlet can handle \_\_\_\_\_ sessions .

- A. many
- B. one
- C. two
- D. three

ANSWER: A

128. \_\_\_\_\_ will simplify the development of dynamic pages by embedding into HTML.

- A. JSF
- B. JSP
- C. Java Struts
- D. JBoss

ANSWER: B

129. Every JSP page is in turn converted as a \_\_\_\_\_.

- A. bean
- B. framework
- C. API
- D. servlet

ANSWER: D

130. <% %> enclosure refers to \_\_\_\_\_.

- A. Expression
- B. Directive
- C. Scriptlet
- D. Comment

ANSWER: C

131. page,include and taglib are the types of

- A. Expressions
- B. Directives
- C. Scriptlets
- D. Action tags

ANSWER: B

132. <% @ -- %> means

- A. Directive
- B. Scriptlet
- C. Action
- D. comment

ANSWER: A

133. AutoFlush is a boolean attribute of \_\_\_\_\_.

- A. include directive
- B. page directive
- C. taglib directive
- D. not a directive at all

ANSWER: B

134. The value of session attribute is \_\_\_\_\_.

- A. string

- B. enumeration
- C. boolean
- D. int

ANSWER: C

135. \_\_\_\_\_ allows a JSP page to work with custom tag libraries.

- A. custom tag
- B. xml
- C. taglib directive
- D. include directive

ANSWER: C

136. The declaration in JSP is by \_\_\_\_\_.

- A. <!@ tag
- B. <% tag
- C. <%= tag
- D. <%! tag

ANSWER: D

137. <jsp:useBean> means \_\_\_\_\_.

- A. locates the specified Java bean object
- B. defines a bean object
- C. initiates a bean object
- D. include a bean into JSP page

ANSWER: A

138. JSP can work with \_\_\_\_\_.

- A. Oracle Server
- B. mySQL server
- C. Google Server
- D. Glassfish Server

ANSWER: D

139. In localhost:8080 , 8080 refers to \_\_\_\_\_.

- A. ip address
- B. port number
- C. system number
- D. web account number

ANSWER: B

140. Every JSP Page is deleted at the end by calling destroy() method of servlets.

- A. true
- B. false
- C. partially true
- D. partially false

ANSWER: A

141. \_\_\_\_\_ has encoding for xml.

- A. WWW
- B. W3 Consortium
- C. Microsoft

D. IBM

ANSWER: B

142. xmlns means

- A. xml no space
- B. xml numeric string
- C. xml name space
- D. xml new space

ANSWER: C

143. <jsp:forward> will

- A. forward client request to another page
- B. forward server response
- C. forward client data
- D. forward server data

ANSWER: A

144. JSF means

- A. Java Static Face
- B. Java Server Forum
- C. Java Static Forum
- D. Java Server Faces

ANSWER: D

145. Certain objects that are available for the use in JSP documents without being declared first are \_\_\_\_\_.

- A. explicit objects
- B. implicit objects
- C. instance objects
- D. JSP Objects

ANSWER: B

146. MVC means \_\_\_\_\_.

- A. Mode-View-Control
- B. Model-Vision-Control
- C. Model-View-Control
- D. Model-Vision-Computer

ANSWER: C

147. \_\_\_\_\_ is open source implementation of MVC (Model-View-Controller) pattern for the development of web based applications.

- A. JSF
- B. JBOSS
- C. JSP
- D. Jakarta Struts

ANSWER: D

148. A container doesnot initialize the servlets as soon as it starts up, it initializes a servlet when it receives a request for that servlet first time. This is called \_\_\_\_\_.

- A. static loading
- B. instant loading

C. early loading

D. lazy loading

ANSWER: D

149. WCF means \_\_\_\_\_.

A. Windows Communications Framework

B. Windows Command Framework

C. Windows Communications Foundation

D. Windows Command Foundations

ANSWER: C

150. Eclipse is an IDE from

A. IBM

B. MicroSoft

C. Oracle

D. Google

ANSWER: A

Staff Name

Vanitha K .