CS506-Web Designing & Developing

MID TERM MCQS

Prepared by: JUNAID MALIK

AL-JUNAID TECH INSTITUTE

1. Which of the following feature provides the facility for multiple inheritance?
    a. Adapter classes
    b. Wrapper classes
    c. Interfaces Page No 95
    d. Collections
2. setColor() is a method of_____ object.
    a. JPanel
    b. JFrame
    c. Graphics page No 175
    d. Image
3. If we want to animate something like ball, moving from one place to another. we constantly need to call paint () method.
    a. True
    b. False Page NO 176
4. If we want to call toString() method of parent class in JAVA. Which of the following statement will be used?
    a. this. toString();
    b. new. toString();
    c. sub. toString();
    d. super.toString(); p page NO 57
5. Which of the following syntax is used to create a client socket?
    a. Socket s = new Socket("serverName");
    b. Socket s = new Socket(serverport);
    c. Socket s = new Socket("serverName", serverPort); page No 195
    d. Socket s = new Socket(serverPort, "serverName");
6. In order to include graphics in your Java program, it is mandatory to extend from_____class.
    a. JLabel
    b. JFrame
    c. JPanel page 174
    d. JButton

7. What will happen if static modifier is removed from the signature of main method?
    a. The program does not compile
    b. The program compiles and runs successfully
    c. The program compiles but does not run Google
    d. None of given options

8. Timer class constructor requires time in_____.
    a. seconds
    b. milli seconds Page No 180.
    c. micro seconds
    d. nano seconds
9. Which of the following features is available in java?
    a. Pointers
    b. Operator overloading
    c. Global variables
    d. Primitive data types Page No 40.
10. ResultSet Meta Data will help you in answering the following questions except;
    a. How Many columns are in the ResultSet?
    b. What is the name of given column?
    c. How many rows are in the ResultSet? Page No 162.
    d. Are the column name is case sensitive?
11. _____returns the elements at specified position in the list.
    a. **Object get(int index) Page No 62.**
    b. Object set(int index)
    c. Object return(int index)
    d. Object remove(int index)
12. WindowListener interface contains_____methods.
    a. Four
    b. Six
    c. Seven page No.124
    d. Eight

13. Which of the following driver type(s) has better performance than other?
    a. Type 1: JDBC - ODBC Bridge
    b. Type 2: Native - API/partly Java driver
    c. Type 3: Net - protocol/all-Java driver
    d. Type 4: Native - protocol/all-java driver page No 169
14. Which of the following syntax is used to create a Server Socket?
    a. ServerSocket ss = new ServerSocket("serverName");
    b. ServerSocket ss = new ServerSocket(serverPort); page No 197
    c. ServerSocket ss = new ServerSocket("serverName", serverPort);
    d. ServerSocket ss = new ServerSocket(serverPort, "serverName");
15. The keyword "this" is used to _____
    a. invoke constructor of the another class
    b. invoke alternate constructor of the same class page 55
    c. invoke constructor of super class from sub class
    d. invoke constructor of sub class from super class
16. An applet can be defined as:
    a. A small program written in Java and included in an HTML page page 182
    b. A small program written in JSP and included in an HTML page
    c. A small program written in Servlet and included in an HTML page
    d. A small program written in JSF and included in an HTML page
17. Choose the correct syntax to define an interface named as "Speaker" in java language
    a. public class Speaker{}
    b. public interface class Speaker{}
    c. public interface Speaker{} Page NO 95
    d. public Speaker class interface{}
18. Teacher java class wants to inherit from Employee.java class, _____ keyword should be used in blank space in given code to apply inheritance

```
class Teacher ---------- Employee{
public static void main (String args[]){
}}
```

a. inherit
b. implement
c. extends Page No 56
d. override

19. _____is correct syntax to create a general purpose container "myPanel" having flow layout.
a. JPanel myPanel = new JPanel (FlowLayout()};
b. JPanel myPanel = new JPanel (new FlowLayout};
c. JPanel myPanel = new JPanel (new FlowLayout()}; Page No 110.
d. JPanel myPanel = JPanel (FlowLayout()};

20.Java is a_____ language.
a. Complicated
b. Not portable
c. Static
d. Multi threaded Page No 22,24

21. Which one of the following blocks always executes irrespective of exception occurrence?
a. Try block
b. Catch block
c. Throws block
d. Finally block Page No 72

22. Based on functionality, the streams can be categorized as _____
a. Byte oriented stream and Node stream
b. Filter stream and Character oriented stream
c. Node stream and Filter stream Page No 83
d. Byte oriented stream and Character oriented stream

23.Bytecodes are created and stored on disk by_____.
a. editor
b. compiler Page no 30
c. class loader
d. bytecode verifier AL-JUNAID INSTITUTE OF GROUP

23. Static methods can only access ____
a. Instance variables
b. Instance methods
c. Static variables and methods page 50/Concept

c. Both static and instance members

24. Which of the following classes provide definitions for all the methods (empty bodies) of their corresponding Listener interface?
    a. private classes
    b. public classes
    c. adapter classes Page No 127
    d. inner classes
25. How many simultaneous connections can be opened using TCP and UDP ports?
    a. 64
    b. 128
    c. 64k
    d. 128k Page No 194
26. Strings in java are represented as _____
    a. Primitive data types
    b. Reference data types page 38/40(string is object in java and object is called by reference)
    c. Native data types
    d. Operators
27. In given lines of code Employee is super class, Teacher is child class, _____ is applying.
    Employee e = new Teacher():
    a. **upcasting Teacher to Employee type page No 60**
    b. upcasting Employee to Teacher type
    c. downcasting Teacher to Employee type
    d. downcasting Employee to Teacher type
28. The following is an example of_____.
    FileReaderfr = new FileReader("input txt");
    a. Byte oriented stream
    b. Node stream page No 83
    c. Filter stream
    d. File stream
29. In the context of Java Graphics, paintChildren( ) method tells any component contained by this component to paint itself.(themselves).
    a. True Page No 173
    b. False

30. Which of the following is called “pure abstract class”?
    a. Concrete class
    b. Wrapper class
    c. Interface page No 95 Ho
    d. Abstract class with no abstract method
31. Window, frame and dialog use_____as their default layout.
    a. Border layout
    b. Flow layout
    c. GridBag layout Concept
    d. Grid layout
32. Exception handling code is written in_____
    a. try block
    b. catch block page No 56 HO
    c. finally block
    d. throws clause
33. Suppose strings are stored in a collection “arraylist”. Get one string element and store in element variable.
    Choose correct line of code for this requirement.
    a. String element = String arraylist.get(i);
    b. String element = (String)arraylist.get(i); page No 61 HO
    c. String element = element arraylist.get(i);
    d. String element = (element) arraylist.get(i);
34. Converting a bigger data type into smaller data type is called_____.
    a. Up-casting
    b. Down-casting Page No 60 HO
    c. Normal-casting
    d. High-casting
35. Which of the following method is used to convert a string into an int value?
    a. intValue(}
    b. parselnt() page No 42 Ho
    c. Parselnt()
    d. parselnteger()
36. Adapter classes have been defined for listener interfaces except _____ interface.
    a. MouseListener
    b. KeyListener
    c. WindowlListener

d. ActionListener Page No 128 HO

37. Which of the following is correct java code statement that is used to establish the connection?
    a. **Connection con = DriverManager.getConnection(conURL)**
       PG NO 140
    b. connection Con = driverManager.getConnection(conURL)
    c. connection Con = driverManager.getConnection(conURL)
    d. Connection con = driverManager.getConnection(conURL)

39. Painting is managed by the system, so calling paintComponent() directly is NOT recommended at all,
    a. True page No 176
    b. False

40. JPanel and Applet use_____as their default layout.
    a.**Flow layout According to Concept**
    b. Border layout
    c. Grid layout
    d. GridBag layout AL-JUNAID INSTITUTE OF GROUP

41. Which of the following is NOT a method of ResultSet object?
    a. next()
    b. absolute(int)
    c. executeQuery(sql) page NO 150 HO
    d. updateRow()

42. Which of the following methods is invoked by the AWT package to support paint and repaint operations?
    a. **paint( ) for system trigger**
    b. **repaint( ) for app trigger (portion newly exposed) page 170**
    c. draw( )
    d. redraw( )

43. Which of the following name is used by the system to recognize the underlying data source?
    a. DNS
    b. DSN page No 138 HO
    c. JDBC
    d. ODBC

44. A database that is created in MS Access 2003 will be saved with _____ extension.

a. .java
b. .class
c. .doc
d. .mdb page No 138 Ho

45. Which of the following is the correct syntax to make a PersonInfo class into a Serializable class?
    a. Public class PersonInfo includes Serializabte { /* class body */}
    b. Public class PersonInfo imports Serializabte { /* class body */}
    c. Public class PersonInfo extends Serializabte { /* class body */}
    d. Public class PersonInfo implements Serializabte { /* class body */} Page 205
46. INSERT, UPDATE, DELETE are_____statements.
    a. DDL
    b. DML page NO 144
    c. DCL
    d. None of given
47. To compare the values of two strings._____must be used.
    a. = Operator AL-JUNAID INSTITUTE OF GROUP
    b. = = Operator
    c. equals() method page No 38 HO
    d. compare() method
48. AWT is also called_____.
    a. Heavy weight components Page No 99 HO
    b. Light weight components
    c. Both Light weight and heavy weight components
    d. Neither Light weight nor heavy weight
49. Which of the following methods takes the place of constructor in an Applet?
    a. Run()
    b. Main()
    c. Init() page NO 185 HO
    d. Start()
50. Which of the following methods is used to determine whether a database is read only or not?
    a. isReadonty()
    b. isReadOnly() page No 167 HO
    c. isreadonly()
    d. IsReadOnly()

AL-JUNAID TECH INSTITUTE

51. The following is an example of_____.
    BufferedReaderbr = new BufferedReader(fr);
    a. Byte oriented stream
    b. Node stream
    c. Filter stream page No 83 HO
    d. File stream
52. If we remove static from main then program_____
    a. Program cannot compile
    b. Program will compile and work properly
    c. Run time errors My Point of View
    d. Exception throws in main
53. If we remove String array from main then program_____
    a. Program cannot compile
    b. Program will compile and work properly
    c. Run time errors My Point of View
    d. Exception throws in main
54. Java developed in_____
    a. 1990
    b. 1995 (Page 22)
    c. 1997
    d. 2000 AL-JUNAID INSTITUTE OF GROUP
55. When defining a method you must include a_____to declare any exception that might be thrown but isnot caught in the method.
    a. try block
    b. finally block
    c. catch block
    d. throws-clause Page no 73 Ho
56. Aside from the Scanner class, which of the following classes can be used for text-file file input?
    a. ObjectInputStream
    b. Buffered Reader Page No 83 & 85
    c. StringTokenizer
    d. None of these
57. Which of the following statements is true regarding Vectors with no specified base type?

a. A base type is needed, because Java needs to know how to allocate memory.
b. No base type is needed, because Java will use the Object class as a base type. My Point of View
c. If a base type is not specified the code will not compile.
d. No base type is needed because Vectors default to storing String objects.

58. A serializable class must implement the method(s)_____
a. readObject and writeObject
b. Either readObject or writeObject, or both, depending upon the desired behavior
c. No need to implement any method page no 204
d. None of the given option

59. You can---------- to a network using sockets.
a. Read
b. Write
c. Read/Write (Page 207)
d. None of these

60. Socket is a---------- communication channel between hosts.
a. Uni-directional
b. Bi-directional (Page 194)
c. Multi-directional
d. None of these

61. Which of the following are passed as an argument to the paint ( ) method?
a. A Canvas object
b. A Graphics object page 186/173
c. An Image object
d. A paint object

62. The code below draws a line. What color is the line?
g.setColor(Color.red. green. yellow.red);
g.drawLine(0, 0, 100,100);
a. Red
b. Green
c. Yellow AL-JUNAID INSTITUTE OF GROUP
d. Black My Point of view

63. To create DataBaseMetaData object we write following line of code
    - **a. DatabaseMetaData db = con.getMeataData(); (Page 165)**
    - b. ResultSetMetaDatarsmd = rs.getMetaData();
    - c. ResultSetMetaDatarsmd = rs.setMetaDataQ);
    - d. DataBaseMetaData db = con.setMeataData();
64. Event source can have ---------- listeners registered on it.
    - a. Single
    - b. Double
    - c. Triple
    - **d. Multiple (Page 118)**
65. An abstract class ----------instantiated.
    - a. **Cannot be (Page 93)**
    - b. Can be
    - c. Must
    - d. None of these
66. What if the way and method of communication between two parties the static modifier is removed from the signature of the main method?
    - a. The program does not compile
    - b. The program compiles but does not run
    - c. The program compiles and runs properly
    - **d. The program throws an exception on compile time**

    My Point of View
67. What if the main method is declared as private?
    - a. The program does not compile...
    - b. The program compiles but does not run
    - c. The program compiles and runs properly
    - **d. The program throws an exception on compile time**

    My Point of View
68. A member variable or method prefixed by the protected access modifier can be accessed:
    - a. Within the same class
    - b. Within the sub-class
    - c. Within the same package
    - **d. All of the above page no 46 HO**
69. A top level class without any modifier is accessible to

a. any class
b. any class within the same package page no 46 HO
c. any class within the same file
d. any subclass of this class

70. A top level class may have only the following access modifier.
a. Package
b. Private
c. Protected
d. Public page no 46 HO

71. In Java an abstract class cannot be sub-classed
a. True
b. False page 93

72. Given a one dimensional array arr, what is the correct way of getting the number of elements in arr
a. **arr.length google**
b. arr.length — 1
c. arr.size — 1
d. arr.lengthO AL-JUNAID INSTITUTE OF GROUP

73. Which of these are valid declarations for the main method?
a. public void main();
b. public static void main(String args[]); (Page 26)
c. static public void main(String);
d. public static int main(String args|]);

74. In Java, which of these classes implement the LayoutManager interface?
a. RowLayout
b. ColumnLayout
c. GridBagLayout My Point of View
d. Flow LayoutManager

75. Border Layout is the default layout manager for a JFrame's content pane
a. **True My Point of View**
b. False

76. You want a class to have access to members of another class in the same package. Which is the most restrictive access that accomplishes this objective?
a. public
b. private

c. **protected page 46**
d. transient
e. default access

77. In Java garbage collection is done by_____
a. **JVM (Java Virtual Machine) (Page 50)**
b. Programmer
c. Both JVM (Java Virtual Machine)and Programmer
d. OS (Operating System)
e. None of given

78. Which of following can be thrown using the throw statement?
a. Error
b. Throwable
c. **Exception (Page 72)**
d. RuntimeException
e. All of Given

79. A final class can't be extended.
a. **True My Point of View**
b. False

80. Java program code is compiled into form called_____
a. Machine code
b. native Code
c. **Byte Code (Page 16)**
d. Source Code

81. Overloading is_____whereas overriding is _____
a. Run time binding, compile time binding
b. Late binding, compile time binding
c. **Compile time binding, run time binding My Point of View**
d. Run time binding, late time binding

82. Which of the following is modifier is provided by default if no access is written explicitly?
a. public
b. Private AL-JUNAID INSTITUTE OF GROUP
c. Protected
d. **Default page 46**

83. Which of the following is used for inheritance in java?

a. implements
b. extends Page No 55
c. : (colon)
d. inherit

84. A collection can store.....
a. **Homogenous objects (any any kind of objects.) page no 61**
b. Heterogeneous objects
c. Objects as well as primitive values
d. At most 100 objects

85. Which of the following syntax is used to attach an input stream to console?
a. FileReaderfr = new FileReader(' input.txt ') ; (Page 83)
b. FileReaderfr = new FileReader(FileDescriptor.in);
c. FileReaderfr = new FileReader(FileDescriptor);
d. FileReaderfr = new FileReader(console);

86. Window frame and dialog use_____as their default layout.
a. Border layout My Point of View
b. Flow layout
c. GridBag layout
d. Grid layout

87. There are____types of exceptions in Java
a. 2 (Page 71)
b. 3
c. 4
d. 5

88. Which of the following belongs to a category of checked exception?
a. Null Pointer exception
b. IOException pg 72
c. Array index out of bounds
d. NumberFormatException

89. Which of the following exception belongs to a category of un-checked exception?
a. IOException
b. Null Pointer exception pg 71
c. AWT Exception
d. ClassNotFoundException

AL-JUNAID TECH INSTITUTE

90. All the exceptions and errors in java are inherited from____class.
    a. Exception
    b. Error
    c. Throwable page No 71
    d. IOException
91. Exceptions must be handled while handling files otherwise it may lead to____
    a. Logical error
    b. Syntax error AL-JUNAID INSTITUTE OF GROUP
    c. Run-time error (Page 70)
    d. No error
92. Which of the following package needs to be import while handling files?
    a. java.util
    b. java.io Page 60 HO
    c. java.awt
    d. javax.swing
93. The classes which contain the word_____are byte oriented streams.
    a. Reader
    b. Writer
    c. Stream (Page 84)
    d. Byte
94. Which of the following stream read/write data in the form of bytes?
    a. FileReader
    b. FileWriter
    c. PrintWriter
    d. FileInputStream (Page 84)
95. An instance of abstract class cannot be created.
    a.**TRUE**
    b. FALSE
96. The relationship between class and interface is called
    a. ‘Is a' relationship
    b. ' Has a' relationship
    c. ' Responds to ' relationship (Page 98)
    d. None of the given options
    a. Abstract class with no abstract method
97. Which of the following is true about abstract class?

a. An abstract class must have all methods declared as abstract methods.
b. Aclass must have at least one abstract method to be an abstract class.
c. A class without any abstract method can be declared as abstract class pg 93
d. An instance of abstract class can be created.

98. Which of the following stream is a filter stream?
a. FileWriter
b. FileReader AL-JUNAID INSTITUTE OF GROUP`
c. BufferedReader (Page 83)
d. All of given options

99. Which of the following is true about AWT and SWING components?
a. **AWT components create a process whereas SWING component creates a thread. Page NO 99**
b. AWT components create a thread whereas SWING component creates a process.
c. Both AWT and SWING component creates a process.
d. Both AWT and SWING component creates a thread.

100. Which of the following is a general purpose container?
a. JFrame
b. Dialog
c. JPanel page 101
d. JApplet

101. Border layout divides the area into regions
a. 3
b. 4
c. 5 (Page 108)
d. Pm 6

102. Which of the following function will be used to register event handler with events generator(button)?
a. AddAction()
b. addActionListener() (Page 117)
c. addListener()
d. registerListener()

103. If a class needs to handle events generated by button then which of the following interface a classneeds to implement?

a. ComponentListener
b. KeyListener
c. MouseListener
d. Action Listener (Page 128)

104. Which of the following function is declared in MouseMotionListener interface?
a. public void mousePressed (MouseEvent me);
b. public void mouse Dragged (Mouse Event me); (Page 122)
c. public void mouseClicked (MouseEvent me);
d. public void mouseEntered (MouseEvent me);

105. Window Listener interface contains methods.
a. Four
b. Six AL-JUNAID INSTITUTE OF GROUP
c. Seven (Page 124)
d. Eight

106. Mouse events can be trapped for____GUI component.
a. JPanel
b. JFrame
c. JButton
d. Allofgiven (Page 122)

107. Which of the following package needs to import while interacting with relational database?
a. java.io
b. java.sql (Page 137)
c. javax.swing
d. java.awt

108. DSN stands for_____
a. Data System Name
b. Domain system Name
c. Data Source Name page No 138
d. Database System Name

109. Which of the following method is used to execute SELECT SQL statements?
a. ExecuteUpdate(sql);
b. ExecuteUpdate(sql);

c. **Execute Query(sql); (Page 141)**
d. ExecuteQuery(sql);

110. CREATE, ALTER, DROP are_____ SQL statements.
a. DML
b. **DDL (Page 144)**
c. DCL AL-JUNAID INSTITUTE OF GROUP
d. None of given

111. Which of the following method is used to execute INSERT, UPDATE and Delete SQL statements?
a. ExecuteQuery(sql);
b. ExecuteQuery(sql);
c. **Execute Update(sql); (Page 141)**
d. ExecuteUpdate(sql);

112. Which of the following statement object is used to execute stored procedures?
a. Statement
b. PreparedStatement
c. **CallableStatement (Page 147)**
d. None of given options

113. HashMap takes key as a/an ____
a. **Object (Page 63)**
b. Array
c. Primitive value
d. Function

114. To create DataBaseMetaData object we write following line of code
a. **DataBaseMetaData db = con.getMeataData(); (Page 165)**
b. ResultSetMetaDatarsmd = rs.getMetaData();
c. ResultSetMetaDatarsmd = rs.setMetaData();
d. DataBaseMetaData db = con.setMeataData();

115. Which of the following methods are invoked by the AWT to support paint and repaint operations?
a. **paint() page 176**
b. repaint( )
c. draw()
d. redraw()

116. If a super class method is protected then overriding method_____
    a. must be protected
    b. must be public
    c. must be private
    d. may be either protected or public
117. Aside from the Scanner class, which of the following class/es can be used for text file file input
    a. ObjectInputStream
    b. BufferedReader page 83
    c. StringTokenizer
    d. None of these
118. Which of the following feature provide facility for multiple inheritances:
    a. Adapter Classes
    b. Wrapper Classes
    c. Interface page 96
    d. Collection
119. The collections API are defined in_____package?
    a. Java.io
    b. Java.util
    c. Java.sql (Page 137)
    d. Java.awt
120. A class that is defined in another class is called
    a. Private class
    b. Public class
    c. Inner class
    d. Derived class
121. Person DSN url
    a.**String conURL = "jdbc:odbc:personDSN; correct option**
122. Which database allows us to work having closed connection?
    a. Mysql
    b. PostgreSQL
    c. SQL
    d. SQLite
123. If a JPanel has a triangle drawn on it which of the following method will display it

a. PaintBorder()
b. Paint()
c. paintChildren()
d. **paintComponent()** **Page 170 HO**

124. Window Adaptor class implements Window Listener interface and provide the definition of all method inside.....
   a. **WindowListener interface** **Page 118 HO**
   b. Inner Class
   c. Outer class
   d. Window adaptor class

125. Event handling is_____step process.
   a. 1
   b. 2
   c. **3**
   d. 4

126. Which of the following is not the method of ResultSetMetaData class.
   a. **Previous()**
   b. isReadOnly()
   c. getColumnDisplay size()
   d. getColumnCount()

127. The code generate following output
   Student s1, s2, s3, s4
   $1= new student();
   $2= new student();
   a. **1**
   b. 2
   c. 3
   d. 4

128. An exception in java is represented as a/an
   a. Operator
   b. **Object**
   c. Function
   d. None

129. Window, frame and dialog use as_____their default layout.
   a. Border Layout

b. Flow Layout
c. Grid Layout

130. A_____in HashMap is associated with each object that is stored.
a. None of the given options
b. Key (Page 42)
c. Value
d. Attribute.

131. Which of the following must be used to compare the values of two strings?
a. = operator
b. == operator
c. equals() method (Page:19)
d. compare() method

132. Port is a transport address to which processes can for connections request.
a. Read
b. Write
c. Listen (Page 196.
d. None of the given options

133. From following; which is the main reason that enters a thread into dead state:
a. It dies a natural death because thread completes its execution
b. It is killed because someone invoked its stop method.
c. Both a and b. (for a page 228 and b for google)
d. None of these.

134. From the following; which approach is used in java to create threads,
a. Interface
b. Inheritance
c. Both Interface and Inheritance (Page 212)
d. None of these.

135. Which of the following is a type of Java web application technologies?
a. JSTL
b. JSF
c. JSP
d. All of the given (Page 244)

136. In an applet class definition, the_____method takes the place of the constructor.

a. paint();
b. main();
AL-JUNAID INSTITUTE OF GROUP
c. init(); page 268
d. run();

137. From following classes; which one can't be instantiated?
a. Super class
b. Abstract Class page 82
c. Anonymous Class
d. Concrete Class

138. Java provide _____
a. Overloading
b. Overriding page 5
c. Pointers
d. Multiple Inheritance

139. int x = 7/2; value of x is:
a. 1
b. 2
c. 3.5
d. 3 decimal part is truncated.

140. From which object do you ask for DatabaseMetaData?
a. **Connection (Page 160)**
b. ResultSet
c. DriverManager
d. Driver

141. Which method(s) must a serializable class, implement?
a. **It must always implement both readObject and writeObject (page 203)**
b. It must implement either readObject or writeObject, or both, depending upon the desired behavior
c. No Need to implement any methods
d. None of the given

142. A final class can't be extended.
a. **True**
b. False

143. Which of the following interface needs to implement while creating threads?

a. Serializable
b. Runnable (Page 212)
c. ActionListener
d. WindowListener

144. Which of the following method needs to override while handling threads in java?
a. init()
b. start()
c. run() page 212
d. runnable().

145. Which of the following range of response code signify error by server?
a. 200-299
b. 300-399
c. 400-499
d. 500-599 (Page 234)

146. Which of the following method allows any other thread of same priority to execute?
a. sleep()
b. wait()
AL-JUNAID INSTITUTE OF GROUP
c. notify()
d. yield() (Page 216)

147. Which of the following problem occurs with lower priority threads?
a. Race condition
b. Starvation (page 218)
c. Average waiting time
d. Process death

148. Which of the following approach is used to create threads in java?
a. inheritance
b. interface
c. Both inheritance and interface
d. None of these

149. Which of the following range of response code indicates that request was successful?
a. 100-199
b. 200-299 (page 234)

c. 300-399
d. 400-499

150. Which of the following method of an Applet is called every time when page is minimized?
a. start()
b. init()
c. stop() (Page 185)
d. destroy()

151. Which of the following statement is true regarding paintComponent() method?
a. It tells any components contained by this component to paint themselves.
b. It tells the component to paint its border.
c. It first paints the background and then performs custom painting. Pg170
d. It first performs custom painting and then paints the background

152. Which of the following is NOT true for an Applet?
a. A small program written in Java and included in a HTML page.
b. It is independent of the operating system on which it runs.
c. They have no access to the client's file system. (Page 181) and Conceptual
d. An applet is a Panel that allows interaction with a Java program

153. Which of the following syntax is used to get ResultSetMetaData object?
a. ResultSetMetaData md = con.getMetaData(); // where con is Connection object
b. ResultSetMetaData md = rs.getMetaData() // where rs is ResultSet object (Page 156)
c. ResultSetMetaData md = st.getMetaDataQ); // where st is Statement object
d. ResultSet md = rs.getMetaData(); // where rs is ResultSetMetaDta object

154. getColumnCount() is a method of_____object.
a. Statement
b. ResultSet AL-JUNAID INSTITUTE OF GROUP
c. ResultSetMetaData (Page 157)
d. DataBaseMetaData

155. Which of the following method is used to move the cursor to given row number?

a. **absolute(int); (Page 146)**
b. absolute();
c. moveTolInsertRow(int);
d. insertRow();

156. Which of the following statement object is used to execute simple SQL statement?
a. **Statement (Page 133)**
b. PreparedStatement
c. CallableStatement
d. None of given

157. Java defines_____for the listener interfaces having more than one event handling methods.
a. Wrapper Classes
b. Abstract Classes
c. Concrete Classes
d. Adapter Classes Page 118 HO

158. Which of the following object is passed as an argument to paintComponent() method?
a. Image object
b. Jpanel object
AL-JUNAID INSTITUTE OF GROUP
c. JFrame object
d. Graphic object page 171 HO

159. previous() is a method of_____object
a. Statement
b. ResultSet page 145
c. ResultSetMetaData
d. Connection

160. isReadOnly() is a method of_____ object.
a. ResultSet
b. ResultSetMetaData (Page 160)
c. DataBaseMetaData
d. Connection

161. getrequest() method gets information from a client and postrequest() method posts data to a client.
a. True

b. False **My Point of View**

162. Which of the following method of Graphics object is used to draw rectangle?
    a. DrawRect(10,10,20,20);
    b. drawRect(10,10,20,20); (Page 172)
    c. drawReactangle(10,10,20,20);
    d. DrawReactangle(10,10,20,20);

163. Which of the following is modifier is provided by default if no access is written explicitly?
    a. Public
    b. Private
    c. Protected
    d. Default (page 46)

164. FTP (File Transmission Protocol) works on_____port.
    a. 21 Page 193 HO
    b. 23
    c. 80 AL-JUNAID INSTITUTE OF GROUP
    d. 84

165. Which of the following is NOT true for java inner classes?
    a. Can have constructors
    b. Can have instance variables
    c. Can have Methods
    d. Generally used as public utility classes Page 121 HO

166. Which statement from the following statements is true about a java Anonymous Inner Class
    a. It is difficult to understand
    b. It has no name
    c. It is much shorter
    d. All of the given options Page 127 HO

167. While running following ExceptionExample.java class on command line without passing command line arguments gives_____exception.

```
public class ExceptionExample {
public static void main (String args[]) {
System.out.println(args[0]);
}}
```

a. Null pointer exception
b. Array index out of bound exception Page 58 HO
c. Divide by zero exception
d. IO Exception

168. Let suppose a column has index 5 in the ResultSet object. Which of the following statement is used to retrieve the column values?
a. String name = rs.getInt(4)
b. String name = rs.getInt(5)
c. String name = rs.getString(4)
d. String name = rs.getString(5)

169. Which of the following streams is a byte oriented stream?
a. FileReader
b. PrintWriter
c. BufferedReader
d. FileInputStream Page 71 HO

170. Which of the following statements is true about primitive data types and reference data types?
a. Primitive data types are created on heap whereas references are created on stack
b. Both primitive data type and references are created on stack
c. Primitive data types are created on stack whereas references are created on heap
d. Both primitive data types and references are created on heap

171. Which command of the following commands is used to compile "JavaTest" java file's code?
a. java JavaTest
b. javac JavaTest.java
c. javacJavaTest
d. java JavaTest.java

172. Interface imposes_____structure on any class that uses interface
a. code
b. design page 85
c. implementation
d. inheritance

173. Which of the following is NOT true about paintComponent( ) method?

a. It is a main method for painting
b. By default, it first paints the background
c. Tells the components border (if any) to paint. Page 170
d. It performs custom painting (drawing circle, rectangles etc.)

174. An object of Student java class is creating and setting its value in Test.java class._____error is there in given code.

```
public class Test{
public static void main (String args[]){
        Student s2 = new Student();
        s2->setName("Aslam");
}
```

AL-JUNAID INSTITUTE OF GROUP

a. Class name is in wrong format
b. s2 is not valid name of object of Student class
c. setName method should not be accessed by arrow operator Page 32
d. no syntax error

175. The "MouseDragged" and "mouseMoved" methods are defined in _____interface.
a. MouseListener
b. ltemListener
c. MouseMotionListener Page 113 HO
d. ActionListener

176. For a programmer the event handling is a three step process in terms of code. Which of the following is NOT an event handling step?
a. Generate event
b. Handle event
c. Publish event Page 104 HO
d. Register handler with generator

177. Which feature of the following features does Java provide?
a. Operator Overloading
b. Pointers
c. Function Overriding page 5 HO
d. Multiple Inheritance

178. Bytecodes are put in memory by_____.
a. Editor

b. compiler
c. class loader Page 11 HO
d. bytecode verifier

179. The following code creates and starts a timer that fires an action event once per_

```
Timer t = new Timer (1000, this);
t.start();
```

a. **Second**
b. Minute
c. Hour
d. Day

180. CmdArgs java class is compiled. If the command "java CmdArgs CS506" run in cmd, then what will be output of given code.

```
Public class CmdArgs{
        public static void main(String[] args){
        System.out.println("First argument" + args[0]);
}
```

a. CS506
b. Syntax error
c. do not show any output
d. args[0]

181. Which of the following functions is declared in MouseMotionListener interface?
a. public void mousePressed (MouseEvent me);
b. public void mouseDragged(MouseEvent me); Page 113
c. public void mouseClicked (MouseEvent me);
d. public void mouseEntered (MouseEvent me);

182. To make sure array accesses touch only the memory allocated to them, JVM does_____checking at runtime.
a. **dynamic Page 5 HO**
b. static
c. consistent
d. not

183. A hash map object is to create, to store Teacher objects as values and their CNIC in the form of strings as keys.Which syntax is correct for this requirement?
    a. HashMap<String> h =new HashMap<String=();
    b. HashMap<String, Teacher> h =new HashMap<String, Teacher>(); page 279 HO
    c. HashMap<Teacher> h =new HashMap<String, Teacher>();
    d. HashMap<Teacher> h =new HashMap<Teacher>();

184. A scrollable and updatable ResultSet object has the following capabilities except
    a. insert new rows
    b. insert new columns Page 144 HO
    c. delete rows
    d. update rows

185. Which of the following classes is capable to instantiate?
    a. Abstract class
    b. Concrete class Page 83 HO
    c. Interface class
    d. None of the given

186. It is verified by_____that not all bytecodes violate java security restrictions.
    a. Editor
    b. Compiler
    c. class loader
    d. bytecode verifier Page 12 HO

187. An event in java is represented as
    a. Operator
    b. Function
    c. Object Page 103 HO
    d. Primitive data type

188. In given lines of code, is applying.
double a = 9.5;
int b = (int) a
    a. upcasting a to b type
    b. upcasting b to a type

c. **downcasting a to b type page 44 HO**
d. downcasting b to a type

189. The_____is directly connected with keyboard.
a. File stream
b. Character oriented stream
c. **Node stream google**
d. Filter stream

190. For each class contained in java source file, compiler generates _____ class file/s.
a. **One Page 8 HO**
b. Two
c. Three
d. Four

191. In given lines of code,_____is applying.
int a = 20:
double b = a;
a. **upcasting a to b type Page 43 HO**
b. upcasting b to a type
c. downcasting a to b type
d. downcasting b to a type

192. Which of the following methods is called only once during the life cycle of an Applet?
a. start( )
b. paint()
c. stop()
d. **destroy() Page 185 HO**
e. **init() Page 184**
HOHere is Two answer

193. If there is a class "Student", then the java file must be saved with_____ name.
a. Student_File java
b. student.java
c. Any name
d. **Student.java**

194. Which feature of the following features is not included in Java language?
a. Inheritance

b. Polymorphism
c. Pointer manipulation Page 2 HO
d. Data encapsulation

195. Which of the following is a valid variable name in Java?
a. 1xu
b. Vu.506
c. NumberOfStudent
d. Long

196. A port is a_____to which processes can listen for connections request.
a.**Local Address Page 194**
b. Server Address
c. Client Address
d. Transport Address

197. Which of the following statements is a correct statement for "mouse release" event in "MouseListener" interface?
a. public void mouseRelease(MouseEvent me)
b. Public void mouseRelease(MouseEvent me
c. public void mouseReleased(MouseEvent me) Page 114 HO
d. Public void mouseReleased(MouseEvent me)

198. Which of the given will clear all the previous painting?
a. super.paintComponent() page 171 HO
b. super paint()
c. super. repaint()
d. super.redraw()

199. _____is/are not part of java core language.
a.**ArrayList class page 04 HO**
b. Variables
c. Arrays
d. Objects

200. _____in a collection class creates a collection with no elements.
a.**Constructors page 45 HO**
b. Class
c. Function
d. Array

201. == operator compares_____of strings whereas equals() method compares_____of strings.
    a. Values, addresses
    b. Addresses, values Page 19 HO
    c. Size, addresses
    d. Addresses, size
202. Assume that we do not want to serialize phoneNum attribute of Personinfo class, this can be done by;
    a. server String phoneNum;
    b. client String phoneNum;
    c. transient String phoneNum; Page 208 HO
    d. serializable String phoneNum:
203. Java program's code is compiled into a form called_____.
    a. Machine code
    b. Byte code Page 8 HO
    c. Native code
    d. Source code
204. You must include a_____to declare an exception that might be thrown to another method.
    a. try block
    b. finally block
    c. catch block
    d. throws-clause Page 57 HO
205. In the context of Java Graphics, which of the following methods we should override while painting?
    a.**paint() Page 170 HO**
    b. paintComponet( )
    c. paintBorder( )
    d. paintChildern( )
206. Which of the following features is not available in Java?
    a. Data hiding
    b. Data encapsulation
    c. Single inheritance
    d. Multiple inheritance Page 27 HO

207. Which of the following is a correct registration method for Focus Listener interface?
    a. **addFocusListener**
    b. addFocusedListener
    c. regFocusListener
    d. regFocusedListener
208. Which of the given statement objects are used to execute using same query multiple times by only changing parameters?
    a. Statement
    b. CallableStatement
    c. PreparedStatement
    d. Both PreparedStatement and CallableStatement
209. ArrayList is an example of_____collection type.
    a. **Sequence based** **AL-JUNAID INSTITUTE OF GROUP**
    b. Set based
    c. Hashmap based
    d. None of the given
210. The output of given someTest function is_____.

```
public void someTest( ) {
        int x;
        System.out.printIn(x);
}
```

    a. x
    b. syntax error
    c. compile time error Page 30 HO
    d. run time error
211. HTTP works on port_____.
    a. 21
    b. 23
    c. 80 Page 193 HO
    d. 84
212. _____is correct syntax to get component area of“myFrame” top level container.
    a. Container c = myFrame.getComponentPane();
    b. Container c = myFrame.getContentArea();

c. **Container c = myFrame.getContentPane(); page 92 HQ**
d. Container c = myFrame->getComponentArea();

213. How many methods are there in the Serializable Interface?
a. **Zero** **AL-JUNAID INSTITUTE OF GROUP**
b. One
c. Two
d. Three

214. Which one of the following is not a method of MouseListener interface?
a. Pressed
b. Clicked
c. **Moved Page 113 HO**
d. Released

215. Which of the given methods is/are declared for“MouseListener” interface?
a. MouseMoved
b. MouseDragged
c. **MousePressed Page 113 HO**
d. MouseKeyPressed

216. In editor java programs are created while stored on/in_____.
a. **Disk page 11 HO**
b. primary memory
c. external file
d. usb

217. Following are the code statements used in java event handling. Identify the code statement that is used for handling an event.
a. **button = new JButton("Reset") Page 105 HO**
b. button.addActionListener(this)
c. container.setLayout(new FlowLayout());
d. public void actionPerformed(ActionEvent e)

218. In polymorphism_____are overridden.
a. Variables
b. Methods
c. **Data types Page 8 HO**
d. Classes

219. _____understands the byte code?
a. Operating system

b. **Java compiler page 8 HO**
c. Java Virtual Machine
d. Java Interpreter

220. Which of the following code statement is used to define a connection URL?
a. Class.forName("sun.jdbc.odbc.JdbcOdbcDriver)
b. **Connection abc = DriverManager.getConnection(conURL) Page 113 HO**
c. String asd = "jdbc:odbc:DSNname"
d. Statement xyz = abc.createStatement()

221. Which of the following is a top level container?
a. JPanel
b. ToolBar
c. ScrollPane AL-JUNAID INSTITUTE OF GROUP
d. **Dialog Page 90 HO**

222. A variable declared as static in a class is a/an _____
a. Instance variable
b. **Class variable Google**
c. Const variable
d. Global variable

223. JDBC-ODBC stands for_____.
a. Java DataBase Connectivity- Oracle DataBase Connectivity
b. Java DataBase Corporation- Open DataBase Corporation
c. Java DataBase Corporation- Oracle DataBase Corporation
d. **Java DataBase Connectivity- Open DataBase Connectivity Google**

224. _____is required in order to get an object from collection.
a. Up-casting
b. Down casting
c. **Implicit casting My Point of View**
d. None of the given options

225. Choose the correct syntax to declare an abstract java classnamed as "Person".
a. abstract public class Person{}
b. public class Person abstract{}
c. public class abstract Person{}

d. public abstract class Person{} Pge 83

226. Which of the following is a correct statement for "mouse click" event in "MouseListener'" interface?
    a. public void mouseclicked (MouseEvent me)
    b. public void MouseClicked (MouseEvent me)
    c. public void mouseClicked (MouseEvent me) Page 114
    d. public void Mouseclicked (MouseEvent me)

227. All java files in a directory are compiled using_____command in command prompt.
    a.**javac *.java Page 6**
    b. javac all.java
    c. javac all
    d. java *.java

228. In the context of Socket Programming, the client does NOT know about the hostname of the machine on which the server is running.
    a. True
    b. False Page 194

229. How many ports are available for TCP socket?
    a. 64
    b. 64k Page 193
    c. 128
    d. 128k AL-JUNAID INSTITUTE OF GROUP

230. Which of the following function will be used to register event handler with events generator, where event generator is button?
    a. AddAction()
    b. addActionListener() Page 107
    c. addListener()
    d. registerListener

231. Which of the following statement object is used to execute precompiled SQL statements?
    a. Statement
    b. PreparedStatement Page 140
    c. CallableStatement
    d. None of give Option

232. There are_____steps in order to communicate successfully with database.

a. Six
b. Seven
c. Eight Page 132 HO
d. Nine

233. In given lines of code_____is static variable and_____is static method.
System.out.printin("CS506");
JOptionPane.showMessageDialog(null,"CS506")
a. System, JOptionPane
b. PrintIn, showMessageDialog
c. PrintIn, JOptionPane
d. Out, showMessageDialog page 33

234. The class that handles mouse event needs to implement the corresponding interface and to provide the definition of:
a. One method in that interface
b. Two methods in that interface
c. All the methods in that interface Page 113
d. Do not need to provide definition of methods in that interface

235. ResultSet provides various getters to retrieve_____.
a.**data of the column page 144**
b. data of the row
c. data of the row and column
d. column headers

236. Following are the code statements used in java event handling. Identify the code statement that is used for registering event handler with event generator
a. b1 = new JButton("OK") page 105
b. b1.addActiobListener(this)
c. frame = new JFrame()
d. frame.setSize(150, 150)

237. If a class implements an interface then_____
a. an interface must provide implementation of all methods
b. a class may or may not provide implementation of all methods of interface
c. a class must provide implementation of all methods of interface page 85

d. class will compile successfully if class do not implements methods of interface

238. The method "Math.random()" returns positive double value greater than or equal to 1 or less than 10.
   a. True
   b. False page 187 HO

239. Which of the following exceptions can be caught in a throw clause?
   a.**Null pointer exception Google**
   b. Index out of bounds exception
   c. Division by zero exception AL-JUNAID INSTITUTE OF GROUP
   d. IOException

240. The toString() method returns a_____representation of_____.
   a. int,string
   b. string,int
   c. string,object Google
   d. object,string

241. What will happen if main method is declared as private?
   a. The program will not compile
   b. The program will throw an exception at run
   c. The program will compile and run successfully
   d. None of given options page 18 HO

242. Which of the following stream is a Node stream?
   a. PrintWriter
   b. FileWriter
   c. BufferedReader Page 69 HO
   d. All of given option

243. The server just waits, listening to the socket for a client to make a connection request.
   a.**True Page 193 HO**
   b. False

244. A default ResultSet object has a cursor that_____.
   a. moves backward only
   b. moves forward only page 143
   c. moves backward and Forward
   d. cannot move

245. Java core language is_____than C++.
   a. **Simpler page 5 HO**
   b. Difficult
   c. Complex
   d. Less secure
246. Java does not handle exception by_____as keyword.
   a. try
   b. catch
   c. exception page 56 HO
   d. finally
247. In Java, Serializable Interface can be found under_____package.
   a. **java.io Page 203 HO**
   b. java.net
   c. java.sql
   d. java.util
248. If ResultSet is TYPE_FORWARD_ONLY then it_____when you call to the previous () method.
   a. **Moves the cursor to previous row if cursor is on valid row page 145 HO**
   b. Returns false if cursor is not on valid row
   c. Throws an exception
   d. Executes normally
249. Which of the following Statements is true regarding paintChildren() method?
   a. It tells the component to paint its border
   b. It first paints the background and then performs custom painting
   c. If first performs custom painting and then paints the background
   d. It tells any components contained by this component to paint themselves page 170 HO
250. TELNET works on_____port.
   a. 21
   b. 23 Page 193
   c. 80
   d. 84
251. Which of the given Listener interface(s) have adopter class(s)?

a. ActionListener
b. MouseMotionListener Page 119 HO
c. AdjustmentListener
d. ltemListener

252. Java compiler is called_____on UNIX or windows.
a.**Javac Page 6 HO**
b. java c
c. cjava
d. c java

253. Java language has a little worse performance than C++ language, because

a. it is object oriented
b. it uses built in libraries page 4 HO
c. it does not use pointers
d. it checks all errors, malicious and viruses

254. Which of the given Listener Interfaces is needed to handle the "MouseEvent"?
a.**MouseListener page 105 HO**
b. MouseMotionListener
c. MouseActionListener
d. MouseFocusListener

255. In Java, Transient fields are returned as null on reading.
a.**True page 208 HO**
b. False

256. Which of the given Listener Interfaces is need to handle the "KeyEvent"?
a. MouseKeyListener
b. MotionKeyListener
c. KeyListener Page 105 HO
d. KeyActionListener

257. An applet is a JFrame that allows interaction with a Java program.
a. True
b. False Page 181 HO

258. Given code is showing the result of addition of two integer type numbers. Choose correct output of this code.
Int i = 7; int j = 8; int k = i+j;

System.out.printIn("Seven" + i + "plus Eight" + j + "is" + k);

a. **Seven 7 plus Eight 8 is 15**
b. Seven i plus Eight j is k
c. Seven i plus Eight j is +15
d. Seven plus Eight is k

259. An applet is typically embedded in a Web page and can be run from a browser.

a. **True Page 181 HO**
b. False

260. In Java, we can read/write to a network using sockets.

a. True
b. False page 206 HO

261. Which of the following statements attaches an output stream to console?

a. FileWriter fw = new FileWriter("output.txt"); Page 80 HO
b. FileWriter fw = new FileWriter(FileDescriptor.out);
c. FileWriter fw = new FileWriter(FileDescriptor.in);
d. FileWriter fw = new FileWriter(FileDescriptor);

262. In java, adapter classes have been defined for the following listener interfaces except_____interface

a. FocusListener
b. ComponentListener
c. MouseMotionListener
d. ItemListener Page 119 HO

263. In Java Graphics, while painting a swing component. which of the following functions is invoked first?

a. Paint()
b. paintComponent() Page 169 HO
c. paintBorder()
d. PaintChildern()

264. If the subclass overrides all the abstract methods of super class, then subclass is called_____.

a. Abstract class
b. Concrete class Page 83 HO
c. Base class
d. Parent class

265. Which of the following command is used to invoke an Applet from command line interpreter?
    a. Applet htmlfile
    b. appletviewer htmlfile page 183 HO
    c. appletviewer javafile
    d. viewer htmlfile

266. The classes which contain the word_____in their names are byte oriented streams.
    a. Reader
    b. Writer
    c. Stream Page 71 HO
    d. Byte

267. Which of the following syntax is used to get DataBaseMetaData object?
    a. DataBaseMetaData md = rs.getMetaData();
       // where rs is ResultSet object
    b. DataBaseMetaData md = st.getMetaData();
       // where st is Statement object
    c. DataBaseMetaData md = con.getMetaData();
       // where con is Connection object Page 160 HO
    d. DataBaseMetaData md = rsmd_.getMetaData();
       // where rsmd is ResultSetMetaData object

268. In the context of Java Graphics; most of time, painting is done automatically.
    a. **True Page 165 HO**
    b. False

269. How many ports are available for UDP socket?
    a. 64
    b. 128
    c. 64k page 193 HO
    d. 128k

270. _____is the correct syntax to set size of top-level container "myFrame" as 200 rows in pixel and 400 columns in pixel.
    a. **myFrame.setSize(200,400) ;**
    b. myFrame.setSize(400,200) ;
    c. myFrame->setSize(200,400) ;
    d. myFrame->setSize(400,200) ;

271. int i = (int)(Math.random() * 5); // will generate random numbers between _____.
   a. **0 & 4 page 187 HO**
   b. 0 & 5
   c. 1 & 4
   d. 1 & 5

272. If you want the timer to fire only the first time and then stop, invoke _____.
   a. **setRepeats(false) Concept**
   b. setRepeats(true)
   c. setOnce(false)
   d. setOnce(true)

273. In ResultSetMetaData methods,_____method returns the suggested column label for printouts.
   a. getColumnName()
   b. getColumnCount ()
   c. getColumnType (int)
   d. **getColumnLabel() Page 157**

274. Which of the following method/s is a ResultSetMetaData method?
   a. **All of the given options Page 157**
   b. getColumnCount ()
   c. getColumnName(int)
   d. getColumnDisplaySize (int)

275. Which of the following method is used to release the JDBC and database resources in ResultSet?
   a. next()
   b. getters
   c. previous()
   d. **close() Page 144**

276. Which of the following is the correct way to access writeObject() function using “out” object of ObjectOutputStream class.
   a. out->writeObject()
   b. out<-writeObject()
   c. out->(.writObject())
   d. **out.writObject() Page 204**

277. In ResultSetMetaData methods,_____method returns the number of columns in the result set.
   a. **getColumnCount ( )** **Page 157**
   b. getColumnDisplaySize (int)
   c. getColumnLabel (int)
   d. getColumnType (int)
278. By implementing this interface, a class declares that it is willing to be _____by automatic serialization machinery.
   a. Checked
   b. Decode
   c. **Read** **Page 203**
   d. Destroyed
279. The_____method returns true or false depending upon whether the next row is available (exist) or not in ResultSet.
   a. getters
   b. **next()** **Page 134**
   c. close()
   d. close()
280. In ResultSetMetaData methods,_____ method returns the SQL type for the column to compare against types in java.sql Types
   a. **getColumn Type (int)** **Page 157**
   b. getColumnCount()
   c. getColumnName(int)
   d. getColumnDisplay Size (int)

281. To compile "Test.java" class, command is used in java.
   a.**javac Test.java** **HO**
   b. javac Test
   c. java Test.java
   d. java Test
282. The given line of code will result in _____
   System.out.println(5+9);
   a. 59
   b. 5+9
   c. **14**
   e. Syntax error

283. Which of the following is a DDL statement?
    a. Select
    b. Delete
    c. Create Page 137 HO
    d. Update
284. The collection API are defined in_____package.
    a. java.io
    b. java.util My Point of View
    c. java.awt
    d. java.sql
285. In Java,_____types of statement objects are available for sending SQL queries to the databases.
    a. Two
    b. Three Page 140 HO
    c. Four
    d. Five
286. Which of the following command is used to compile Java code?
    a. java filename
    b. javac filename.java Page 12 HO
    c. javac filename
    d. java filename.java
287. Which of the given Listener Interface is need to handle the "ActionEvent'?
    a. MouseActionListener
    b. KeyAction Listener
    c. ActionListener Page 105 HO
    d. MotionListener
288. Timers are constructed by specifying both a delay parameter and a/an _____Listener.
    a.**Action Page 179 HO**
    b. Mouse
    c. Key
    d. Window
289. All AWT and swing components generate events.
    a.**True Page 103 HO**
    b. False

290. Which of the following operator is used to concatenate strings?
    a. +=
    b. +-
    c. ++
    d. + Page 19 HO
291. DDL stands for?
    a. **Data Definition Language**
    b. Data Driven Language
    c. Database Definition Language
    d. Database Driven Language
292. AWT is a GUI package used in java, AWT stands for_____.
    a. Apache Windows Toolkit
    b. Application Windowing Tools
    c. Application Windows Template
    d. Abstract Windowing Toolkit Page 88 HO
293. Array List can store objects of_____?
    a. **Same types only My Point of View**
    b. Different types only
    c. Both same and different types
    d. Can't store objects
294. Mouse motion event is generated when mouse is:
    a. Pressed
    b. Entered
    c. Clicked
    d. Dragged Page 113 HO
295. If there is no exception in the try nor then the catch block_____executes.
    a. Always
    b. Sometime
    c. Never Google
    d. None of the given
296. DML stands for?
    a. Data Manipulation Language Google
    b. Data Management Language
    c. Direct Manipulation Language
    d. Direct Management Language

297. Which of the following statement regarding Java is false?
    a. Java is a programming language
    b. A Java program compiles into machine language
    c. Java is case sensitive language
    d. Java uses an interpreter

298. When there is just a onetime use of a particular object of a java class, we use _____.
    a. named object
    b. anonymous object Page 127 HO
    c. either named object or anonymous object
    d. either named object nor anonymous object