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CS506 GRAND QUIZ

Sr.N O	MCQS QUESTIONS:	ANSWER:
1	FTP (File Transmission Protocol) works on _____ port.	21
2	Which of the following is NOT true for java inner classes?	Generally used as public utility classes
3	Which statement from the following statements is true about java Anonymous Inner class	(A) It is difficult to understand (B) It has no name (C) it is much shorter Answer: (D) All of the given options
4	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]); }} }	Array index out of bound exception
5	Exception handling code is written in _____.	catch block
6	Let suppose a column has index 5 in the ResultSet object. Which of the following statement is	String name=rs.getString(5)

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	used to retrieve the column values?	
7	Which of the following streams is a byte oriented stream?	FileInputStream
8	Which of the following statements is true about primitive data types and reference data types?	Primitive data types are created on stack whereas references are created on heap
9	Which command of the following commands is used to compile "Java Test" java file's code?	javac JavaTest.java
10	Which of the following statements is true regarding paintComponent() method?	It first paints the background and then performs custom painting.
11	WindowListener interface contains _____ methods.	Seven
12	HashMap takes key as a/an _____	Object
13	Adapter classes have been defined for listener interfaces except _____ interface.	ActionListener
14	Interface imposes _____ structure on any class that uses interface	design
15	Which of the following is NOT true about paintComponent() method?	Tells the components border (if any) to paint.
16	An object of Student.java	

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	<p>class is creating and setting its value in Test.java class</p> <p>_____ error is there in given code.</p> <pre>public class Test{ public static void main (String args[]){ Student s2 = new Student(); s2- >setName("Aslam"); } }</pre>	<p>setName method should not be accessed by arrow operator</p>
17	<p>The "MouseDragged" and "mouseMoved" method are defined in _____ interface.</p>	<p>MouseMotionListner</p>
18	<p>previous() is a method of _____ object.</p>	<p>ResultSet</p>
19	<p>Which of the following driver type(s) has better performance than other?</p>	<p>Type 4: Native - protocol /all - java driver</p>
20	<p>For a programmer the event handling is a three step process in term of code. Which of the following is NOT an event handling step?</p>	<p>Publish event</p>
21	<p>Which feature of the following features does Java provide?</p>	<p>Function Overriding</p>
22	<p>What will happen if static modifier is removed from the signature of main method?</p>	<p>The program will compile but not run.</p>
23	<p>Bytecodes are put in _____</p>	<p>class loader</p>

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	memory by	
24	Which of the following is the correct syntax to make a PersonInfo class into a Serializable class	Public class PersonInfo implements Serializable { /*class body*/ }
25	The following code creates and starts a timer that fires an action event once per _____ <pre>Timer t = new Timer (1000,this); t.start();</pre>	Second
26	CmdArgs java class is compiled. If the command "java CmdArgs CS506" run in cmd, then what will be output of given code. <pre>Public class CmdArgs{ public static void main (String[]args){ System.out.println("First argument" + args[0]); } }</pre>	CS506
27	Which of the following functions is declared in MouseMotionListener interface?	public void mouseDragged(MouseEvent me);
28	Which of the following classes provide definitions for all the methods (empty bodies) of their corresponding	adapter classes

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	Listener interface?	
29	What will happen if main method is declared as private?	The program will throw an exception at run time
30	To make sure array accesses touch only the memory allocated to them. JVM does _____checking at runtime.	dynamic
31	What will happen if static modifier is removed from the signature of main method?	The program will compile but not run
32	Which of the following is NOT true for java inner classes?	Generally used as public utility classes
33	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?	HashMap <String,Teacher> h =new HashMap<String, Teacher>();
34	A scrollable and updatable ResultSet object has the following capabilities except_____	insert new columns
35	Which of the following classes is capable to instantiate?	Concrete class
36	Which of the following objects is passed as an argument to paintComponent()method ?	Graphics object

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37	It is verified by _____ that not all bytecodes violate java security restrictions.	bytecode verifier
38	An event in java is represented as _____.	Object
39	In given lines of code _____ is applying. double a = 9.5; int b = (int) a;	downcasting a to b type
40	Which of the given will clear all the previous painting?	super.paintComponent()
41	The following is an example of _____. FileReader fr = new FileReader("input.txt");	Node stream
42	Strings in java are represented as _____.	Reference data types
43	AWT is also called _____.	Heavy weight components
44	Choose the correct syntax to define an interface named as "Speaker" in java language.	public interface Speaker {}
45	In Java, if a super class method is protected then overriding method _____.	may be either protected or public
46	Timer class constructor	milli seconds

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	requires time in _____ _____	
47	The _____ is directly connected with keyboard.	Node stream
48	For each class contained in java source file, compiler generates _____ class file/s.	one
49	In given lines of code _____ is applying. int a = 20; double b = a;	upcasting a to b type
50	Which of the following methods is called only once during the life cycle of an Applet?	destroy()
51	If there is a class "Student", then the java files must be saved with _____ name.	Student.java
52	Which of the following statement object is used to execute simple SQL statement?	Statement
53	Which feature of the following featured is not included in Java language?	Pointer manipulation
54	Which of the following methods is used to convert a string into an int value?	parseInt()
55	Which of the following is a valid variable name in	NumberOfStudent

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	Java?	
56	Which of the following features is available in java?	Primitive data types
57	A port is a _____ to which processes can listen for connections request.	Transport Address
58	Which of the following is called "pure abstract class"?	Interface
59	Which of the following packages needs to import while handling files?	java.io
60	How many simultaneous connections can be opened using TCP and UDP ports?	128k
61	Which of the following statements is a correct statement for "mouse release" event in "MouseListener" interface?	public void mouseReleased(MouseEvent me)
62	_____ is/are not part of java core language.	ArrayList class
63	Strings in java are represented as _____.	Reference data types
64	_____ in a collection class creates a collection with no elements.	Constructor
65	== operator compare	

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	_____ of strings whereas equals() method compare _____ of strings.	Addresses, values
66	Assume that we do not want to serialize phoneNum attribute of Personinfo class, this can be done by;	transient String phoneNum;
67	java program's code is compiled into a form called	Byte code
68	Which command of the following commands is used to run "Java Test" Java file's program?	java JavaTest
69	Java defines _____ for the listener interfaces having more than one event handling methods.	Adapter classes
70	You must include a _____ to declare an exception that might be thrown to another method.	throws-clause
71	If you want to animate something like ball, moving from one place to another, we constantly need to call paint () method.	False
72	In the context of Java Graphics, which of the following we should override while painting?	paintComponet()

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73	Which of the following features is not available in Java?	Multiple inheritance
74	If a JPanel has a triangle drawn on it which of the following method will display it?	paintComponent()
75	Which of the following is correct java code statement that is used to establish the connection?	Connection con = DriverManager.getConnection(conURL)
76	Which of the following exception belongs to a category of checked exception?	IOException
77	A collection can store _____.	Heterogeneous objects
78	Which of the following statement object is used to execute precompiled SQL statements?	PreparedStatement
79	Which of the following stream read/write data in the form of bytes?	FileInputStream
80	Which of the following method is used to execute INSERT, UPDATE and DELETE SQL statements	executeUpdate(sql);
81	HashMap takes key as a/an _____	Object
82	ArrayList is an example of _____ collection type	Sequence Based
83	If we want to animate something like ball, moving from one place to	False

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	another, we constantly need to call paint () method.	
84	Which of the following is a general purpose container?	JPanel
85	ResultSet provides various gathers to retrieve _____.	Data of the column
86	In editor java programs are created while stored on/in _____.	Disk
87	If a class needs to handle event generated by button then which of the following interface a class needs to implement?	ActionListner
88	Which of the following classes provide definitions for all the methods (empty bodies) of their corresponding Listener interface	Adapter Classes
89	Which of the following is called "pure abstract class"	Interface
90	A default ResultSet object has a cursor that _____.	Moves Forward Only
91	Which of the given will clear all the previous painting?	super.paintComponent()
92	Which of the following is NOT a method of ResultSet object?	executeQuery(sql)
93	Java defines _____	Adapter Classes

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	for the listener interfaces having more than one event handling methods	
94	Which of the following feature is not included in Java?	addFocusListener
95	All AWT and swing component generate events	True
96	_____ is/are not part of java code language	ArrayList class
97	The collection API are defined in _____ package.	Java.util
98	Which of the following statement object is used to execute precompiled SQL statements?	PreparedStatement
99	The _____ is directly connected with keyboard	Node stream
100	Java does not handle execution by _____ as keyword	Execution
101	Which of the following method is used to determine whether a database is read only or not?	isReadOnly()
102	HTTP works on port _____	80
103	DDL stands for?	Data Definition Language
104	Which of the following statement object is used to execute stored procedures?	CallableStatement

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105	Which of the following package needs to be import while handling files>	ava.io
106	Socket is a _____ communication channel between hosts.	bi-directional
107	In Java, _____ types of statement objects are available for sending SQL queries to the databases.	Three
108	A port is a _____ to which processes can listen for connections request	Client Address
109	Java is a _____ language	complicated
110	An applet can be defined as _____	A small program written in java and included in an HTML page
111	Based on functionality, the stream can be categorized as _____.	Node stream and filter stream
112	Bytecodes are created and stored on disk by _____	Compiler
113	Static methods can only access _____	Static variables and methods
114	Which of the following classes provide	

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	definitions	
115	Which of the following classes provide definitions for all methods of their corresponding listener interface?	Adapter class
116	How many simultaneous connections can be open using TCP and UDP ports?	128K
117	Strings in java are represented as _____	Reference data type
118	In given lines of code Employee is a super class, Teacher is a child class, _____ is applying. Employee e= new Teacher();	Downcasting teacher to employee type
119	The following is an example of _____, FileReader fr= new FileReader("input.txt");	Filter stream
120	Which of the following is called "pure abstract class"?	Interface
121	setColor is a method of _____ image?	Graphics
122	If we want to call to String() method of parent class in java. Which of the following statement	super.toString()

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	will be used?	
123	In order to include graphics in your java program, it is mandatory to extend from _____ class?	JPanel
124	Mouse events can be trapped for _____ GUI component?	All of given
125	What will happen is static modifier is removed from the signature of main method?	None of the given options
126	Windows, frames and dialogs use _____ as their default layout.	Border layouts
127	Exception handling code is written in _____.	Catch block
128	Suppose strings are store in a collection "arraylist". Get one string element and store in element variable. Choose correct line of code for this requirement?	String element = (String)arraylist.get(i);
129	Converting a bigger data type into smaller data type is called _____	Down casting
130	Which of the following method is used to convert a string into an int value?	parseInt()
131	Adapter class have been defined for listener interfaces except _____ interfaces.	Action listener

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132	Which of the following is correct java code statement that is used to establish the connection?	Connection con = driverManager.getConnection(conUR L)
133	Which of the following is a general purpose container?	JPanel
134	Which of the following package needs to be import while handling files?	java.io
135	Exception handling code is written in ____	catch block
136	Which of the following stream is a Node stream?	FileWriter
137	Which of the following stream read/write data in the form of bytes?	FileInputStream
138	Which of the following command is used to compile Java code?	javac filename
139	Which of the following method is used to execute INSERT, UPDATE and Delete SQL statements?	executeUpdate(Sql);
140	Which of the following stream is a filter stream?	BufferedReader
141	An event in java is represented as ____	Object
142	Which of the following	IOException

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	belongs to a category of checked exception?	
143	Packages are the way to organize files into different ----- according to their functionality, usability as well as category they should belong to.	Directories
144	When JSP page compiled, it is translated into?	Servlet

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