

Quiz-4(OOP with Java)

Time: 30 Minutes

Max Marks: 10

Multiple Choices [0.25X20]

Q1. Which statement is static and synchronized in JDBC API

- A. executeQuery() B. executeUpdate() C. getConnection() D. prepareCall()

Q2. Which of the following methods are defined in class Thread?

1. start() 2. wait() 3. notify() 4. run()
A. 1 and 4 B. 2 and 3 C. 3 and 4 D. 2 and 4

Q3. Which method is used to perform DML statements in JDBC

- A. execute() B. executeUpdate() C. executeQuery() D. None of above

Q4. Which driver is called as thin-driver in JDBC

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

Q5. You need to store elements in a collection that guarantees that no duplicates are stored and all elements can be accessed in natural order. Which interface provides that capability?

- A. java.util.Map B. java.util.Set C. java.util.List D. java.util.Collection

Q6. Which of these methods of Thread class is used to find out the priority given to a thread?

- a) get() b) ThreadPriority() c) getPriority() d) getThreadPriority()

Q7. Which of these packages contains all the classes and methods required for event handling in Java?

- A. java.applet B. java.awt C. java.event D. java.awt.event

Q8. Which of these methods are used to register a keyboard event listener?

- a) KeyListener() b) addKistener() c) addKeyListener() d) eventKeyListener()

Q9. Which of these events will be generated if we close an applet's window?

- a) ActionEvent b) ComponentEvent c) AdjustmentEvent d) WindowEvent

Q10. Which of these methods can be used to determine the type of event?

- a) getID() b) getSource() c) getEvent() d) getEventObject()

Q11. Which of these events is generated when a button is pressed?

- a) ActionEvent b) KeyEvent c) WindowEvent d) AdjustmentEvent

Q12. Which of these methods can be used to obtain the command name for invoking ActionEvent object?

- a) getCommand() b) getActionCommand()
c) getActionEvent() d) getActionEventCommand()

Q13. Which of these events is generated when the component is added or removed?

- a) ComponentEvent b) ContainerEvent c) FocusEvent d) InputEvent

Q14. Which method is used to set the text of a Label object?

- a) setText() b) setLabel() c) setTextLabel() d) setLabelText()

Q15. Which layout should you use to organize the components of a container in a tabular form?

- a) CardLayout b) BorderedLayout c) FlowLayout d) GridLayout

Q16. Which method registers a thread in a thread scheduler?

- a) run(); b) construct(); c) start(); d) register();

Q17. What is multithreaded programming?

- a) It's a process in which two different processes run simultaneously.
- b) It's a process in which two or more parts of same process run simultaneously.
- c) Its a process in which many different process are able to access same information.
- d) Its a process in which a single process can access information from many sources.

Q18. What is sent to the user via HTTP, invoked using the HTTP protocol on the user's computer, and run on the user's computer as an application?

- A. A Java application
- B. A Java applet
- C. A Java servlet
- D. None of the above is correct.

Q19. What is invoked via HTTP on the Web server computer when it responds to requests from a user's Web browser?

- A. A Java application
- B. A Java applet
- C. A Java servlet
- D. None of the above is correct.

Q20. Which driver Type(s) supports native JDBC API?

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

B. Correct the error if any and find the output of the following program segments [1.25X4]

<p>Q1.</p> <pre>class multithreaded_programing { public static void main(String args[]) { Thread t = Thread.currentThread(); System.out.println(t.getPriority()); } }</pre>	<p>Q2. import java.util.*;</p> <pre>class Output { public static void main(String args[]) { ArrayList obj = new ArrayList(); obj.add("A"); obj.add(0, "B"); System.out.println(obj.size()); } }</pre>
<p>Q3.</p> <pre>class MyThread extends Thread { public static void main(String [] args) { MyThread t = new MyThread(); t.run(); } public void run() { for(int i=1; i < 3; ++i) { System.out.print(i + ".."); } } }</pre>	<p>Q4.</p> <pre>import java.util.*; class Linkedlist { public static void main(String args[]) { LinkedList obj = new LinkedList(); obj.add("A"); obj.add("B"); obj.add("C"); obj.addFirst("D"); System.out.println(obj); } }</pre>