Question1: START  
How do you concatenate two strings in Java?

Question1: END

Option\_a: Using the + operator

Option\_b: Using the concat() method  
Option\_c: Both a and b  
Option\_d: Using the append() method

correct\_option: Both a and b

Question2: START  
Which interface does the ArrayList class implement?

Question2: END

Option\_a: ArrayList  
Option\_b: LinkedList  
Option\_c:Hashset  
Option\_d: Vector  
correct\_option: ArrayList

Question3: START  
Which of the following collections does not allow duplicate elements?

Question3: END

Option\_a: ArrayList  
Option\_b: LinkedList  
Option\_c:Hashset  
Option\_d: Vector  
correct\_option: Hashset

Question4: START  
Thread priority in Java is?

Question4: END

Option\_a: Integer

Option\_b: float  
Option\_c: double  
Option\_d: long  
correct\_option: Integer

Question5: START  
Which interface is implemented to create a thread in Java?

Question5: END

Option\_a: Runnable

Option\_b:Callable  
Option\_c:Comparable  
Option\_d:Threadable  
correct\_option: Runnable

Question6:START  
Which of the following is not a primitive data type in Java?

Question6: END

Option\_a: int   
Option\_b: float  
Option\_c: string  
Option\_d: double  
correct\_option: string

Question7: START  
What will happen if a constructor has a return type?

Question7: END

Option\_a: Compilation Error  
Option\_b: Runtime Error

Option\_c: The constructor will be treated as a method

Option\_d: The constructor will still function normally

correct\_option: Compilation Error

Question8:START  
Which method is used to make a thread pause for a specified period in Java?

Question8: END

Option\_a: wait()  
Option\_b: sleep()

Option\_c: pause()  
Option\_d: suspend()  
correct\_option: sleep()

Question9: START  
What does the this keyword refer to in a Java class?

Question9: END

Option\_a: The current object of the class  
Option\_b: The superclass of the class

Option\_c: A static reference

Option\_d: A method in the class

correct\_option: The current object of the class

Question10: START  
Which of the following is the correct syntax to declare an interface in Java?

Question10: END

Option\_a: public class InterfaceName {}  
Option\_b: public interface InterfaceName {}

Option\_c: interface InterfaceName extends {}

Option\_d: public class InterfaceName implements {}  
correct\_option: public interface InterfaceName {}

Question11: START  
String str = "hello";

str.toUpperCase();

System.out.println(str);

Question11: END

Option\_a: HELLO

Option\_b: hello  
Option\_c: null  
Option\_d: compilation error  
correct\_option: HELLO

Question12: START  
What is the time complexity of accessing an element by index in an ArrayList?

Question12: END

Option\_a: O(1)

Option\_b: O(n)  
Option\_c: O(log n)  
Option\_d: O(n log n)

correct\_option: O(1)

Question13: START  
How do you check if a string contains a particular sequence of characters?

Question13: END

Option\_a: str.hasSubstring("sequence")  
Option\_b: str.contains("sequence")  
Option\_c: str.indexOf("sequence")  
Option\_d: str.includes("sequence")

correct\_option: str.contains("sequence")

Question14: START  
What method of Connection is used to create a Statement object in JDBC?

Question14: END

Option\_a: createStatement()  
Option\_b: getStatement()  
Option\_c: newStatement()  
Option\_d: prepareStatement()

correct\_option: createStatement()

Question15: START  
Which method is called when an applet is first loaded into the browser?

Question15: END

Option\_a: start ()  
Option\_b: paint ()

Option\_c: init()  
Option\_d:destroy()  
correct\_option: init ()

Question16: START  
Which of the following is an event class in Java?

Question16: END

Option\_a: ActionEvent  
Option\_b: ColorEvent

Option\_c: ButtonEvent  
Option\_d: PaintEvent  
correct\_option: ActionEvent

Question17: START  
How do you close a file after performing I/O operations?

Question17: END

Option\_a: file.close()

Option\_b: file.flush()

Option\_c: file.end()  
Option\_d: file.stop()  
correct\_option: file.close()

Question18: START  
What does the ObjectOutputStream class do?

Question18: END

Option\_a: Reads objects from a file  
Option\_b: Writes objects to a file  
Option\_c: Reads primitive data types  
Option\_d: Writes character data

correct\_option: Writes objects to a file

Question19: START  
Which JDBC class is used to execute SQL queries?

Question19: END

Option\_a: Connection  
Option\_b: ResultSet  
Option\_c: Statement  
Option\_d: DriverManager  
correct\_option: Statement

Question20: START

Which AWT control can display a list of items in a dropdown menu?

Question20: END

Option\_a: List  
Option\_b: Checkbox  
Option\_c: Choice  
Option\_d: Menu  
correct\_option: choice

Question21: START  
In AWT, which layout manager divides the container into five regions: North, South, East, West, and Center?

Question21: END

Option\_a: FlowLayout

Option\_b: GridLayout

Option\_c: BorderLayout

Option\_d: CardLayout

correct\_option: BorderLayout

Question22: START  
String str = "Java Programming";

System.out.println(str.substring(5, 11));

Question22: END

Option\_a: Program  
Option\_b: Prog  
Option\_c: Progra  
Option\_d: Programming  
correct\_option: Progra

Question23:START  
What is the output of the following code?

class exception\_handling

{

public static void main(String args[])

{

try

{

System.out.print("Hello" + " " + 1 / 0);

}

catch(ArithmeticException e)

{

System.out.print("World");

}

}

}

Question23: END

Option\_a: Hello  
Option\_b: World  
Option\_c: hello world  
Option\_d: Hello World  
correct\_option: Hello World

Question24: START  
public class Test {

public static void main(String[] args) {

try {

int a = 10 / 0;

} catch (ArithmeticException e) {

System.out.println("Exception caught");

} finally {

System.out.println("Finally block executed");

}

}

}

Question24: END

Option\_a: Exception caught  
Option\_b: Finally blockexecuted  
Option\_c: Exception caught Finally blockexecuted

Option\_d: Runtime Error

correct\_option: Exception caught Finally blockexecuted

Question25:START  
class multithreaded\_programing

{

public static void main(String args[])

{

Thread t = Thread.currentThread();

System.out.println(t);

}

}

Question25: END

Option\_a:4  
Option\_b: 5  
Option\_c: 0  
Option\_d: 1  
correct\_option: 1