

	FRESHER ACADEMY JPE Quiz 4 Option 1	
	Testing date:..... Allowed time: 30' Account: Birth date:	Testing score (/10):.....
	CODE: JPE.Q4.Opt1	

Testing notes

- You are not allowed to use mobile or other communicating devices during the test
- This is book-closed testing. You are not allowed to use any reference while doing the test.
- Select one answer for each question. Don't answer or note on the question book.
- Fill your answers into the Answer sheet.

Testing questions & answers

No.	Question & Answer Group	ANS
1.	<p>Given the following declarations</p> <pre>String s1=new String("Hello") String s2=new String("there"); String s3=new String();</pre> <p>Which of the following are legal operations?</p> <p>A. s3 = s1 + s2; B. s3 = s1 - s2; C. s3 = s1 & s2; D. s3 = s1 && s2;</p>	A
2.	<p>If you run the code below, what gets printed out?</p> <pre>String s = new String("Bicycle"); int iBegin = 1; char iEnd = 3; System.out.println(s.substring(iBegin, iEnd));</pre> <p>A. Bic B. ic C. icy D. error: no method matching substring(int, char)</p>	B
3.	<p>The method executes a simple query and returns a single ResultSet?</p> <p>A. executeUpdate() B. executeQuery() C. execute() D. noexecute()</p>	B
4.	<p>Given the following code, which of the following statements can be used to check if "cat" can be found on the list?</p> <pre>ArrayList<String> list = new ArrayList<>(); list.add("dog"); list.add("cat"); list.add("frog");</pre> <p>A. list.contains("cat") B. list.hasObject("cat") C. list.indexOf("cat") D. list.indexOf(1)</p>	A, C

5.	<p>Let guess the output of the following code when you compile and run it:</p> <pre> 1: public class Law { 2: public static void main(String [] args){ 3: boolean [] law = {false, true, true}; 4: Object [] obj1 = new Object[1]; 5: String test = "test"; 6: obj1[0] = test; 7: 8: System.out.println(law[3]); 9: } 10: }</pre> <p>A. There is a compile time error on line 3 of the program. B. There is a compile time error on line 6 of the program. C. There is no a compile time error, but an exception occurs during program execution. D. There is a compile time error on line 8 of the program.</p>	C
6.	<p>What is wrong with the following?</p> <pre> class Trouble { void rightHere() { throw new Exception(); } }</pre> <p>Please select the best answer.</p> <p>A. You cannot throw an instance of the Exception class. B. The throw keyword is not used correctly. C. The method rightHere() must declare exception: throws Exception.</p>	C
7.	<p>PreparedStatement is more secure because they use to bind variables, which can prevent SQL injection attack?</p> <p>A. TRUE B. FALSE</p>	A
8.	<p>Given the following,</p> <pre> 1. public class MyProgram { 2. public static void main(String args[]){ 3. try { 4. System.out.print("Hello world "); 5. } 6. finally { 7. System.out.println("Finally executing "); 8. } 9. } 10. }</pre> <p>What is the result?</p> <p>A. Nothing. The program will not compile because no exceptions are specified. B. Nothing. The program will not compile because no catch clauses are specified. C. Hello world. D. Hello world Finally executing</p>	D
9.	<p>What package holds the FileInputStream and FileOutputStream classes?</p> <p>A. java.io B. java.file C. java.util D. java.lang</p>	A

10.	<p>Given:</p> <pre> public class ReadingFor { public static void main(String[] args) { BufferedReader br = null; String s; try { br = new BufferedReader(new FileReader("myfile.txt")); while ((s = br.readLine()) != null) System.out.println(s); } catch (IOException e) { System.out.println("io error"); } finally { if (br != null) { try { br.close(); } catch (IOException e) { System.out.println("io error"); } } System.out.println("closed reader"); } } } </pre> <p>And given that myfile.txt contains the following two lines of data:</p> <pre> ab cd </pre> <p>What is the result?</p> <p>A. ab B. abcd C. a b c d D. ab cd closed reader</p>	D
11.	<p>Which of these exception is thrown in cases when the file specified for writing it not found?</p> <p>A. IOException B. FileNotFoundException C. FileInputException D. FileInputException</p>	C
12.	<p>The performance of the application will be faster if you use PreparedStatement because query is compiled only once:</p> <p>A. TRUE B. FALSE</p>	A
13.	<p>What method of File is used to test if a file or directory exists?</p> <p>A. isFile() B. isDirectory() C. list() D. exists()</p>	D

14.	Which of these class is used to read characters in a file? A. FileReader B. FileWriter C. FileInputStream D. InputStreamReader	A
15.	What is the abbreviation of JDBC? A. Java Database Connectivity B. Java Database Concept C. Java Database Communications D. None of the above	A
16.	Which is a type of Resultset ? A. TYPE_FORWARD_ONLY B. TYPE_SCROLL_SENSITIVE C. ALL ABOVE	C
17.	Which method is used to perform DML statements (insert, update, delete) in JDBC? A. execute() B. executeQuery() C. executeUpdate() D. executeResult()	C
18.	Which if the following is correct about PreparedStatement A. Used when you need to use the SQL statements many times . B. The PreparedStatement interface accepts input parameters at runtime . C. Both of the above. D. None of the above.	C
19.	Which is used to execute parameterized query? A. Statement interface B. PreparedStatement interface C. ResultSet interface D. None of the above	B
20.	How can you retrieve information from a ResultSet ? A. By invoking the method get (int index, String type) on the ResultSet, where type is the database type. B. By invoking the method get (int index, Type type) on the ResultSet, where Type is an object which represents a database type. C. By invoking the method getValue (int index), and cast the result to the desired Java type. D. By invoking the special getter methods on the ResultSet: getString(...), getBoolean(...), getClob(...), ...	D

-- THE END --