***AdvJava for Batch 40 and 41(Exam on March 15th)***

***1. Which of the following is not a type of ResultSet object?***

***a.TYPE\_FORWARD\_ONLY***

***b.CONCUR\_WRITE\_ONLY***

***c.TYPE\_SCROLL\_INSENSITIVE***

***d.TYPE\_SCROLL\_SENSITIVE***

***Ans:b***

***2. What are the types of ResultSet in JDBC?***

***a. Forward ResultSet***

***b. Scrollable ResultSet***

***c. Only a***

***d. Both a and b***

***Ans:d***

***3. What is blob in the following statement?***

***create table profilepic(photo blob);***

1. ***Variable***
2. ***Object***
3. ***Data type***
4. ***Keyword***

***Ans:c***

***4.  How many statement objects can be created using a Connection?***

***a.2***

***b.1***

***c.3***

***d. Multiple***

***Ans:d***

***5.JDBC API supports\_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_ architecture model for accessing the database.***

***a. Two-tier***

***b. Three-tier***

***c. Both a and b***

***d. Only b***

***Ans:c***

***6. In which of the following type of ResultSet, the cursor can only move forward in the result set?***

***a - ResultSet.TYPE\_FORWARD\_ONLY***

***b - ResultSet.TYPE\_SCROLL\_INSENSITIVE***

***c - ResultSet.TYPE\_SCROLL\_SENSITIVE***

***d- None of the above.***

***Ans:a***

***7. Which interface is used to call stored procedure?***

|  |  |
| --- | --- |
| ***(a)*** | ***Statement*** |
| ***(b)*** | ***PreparedStatement*** |
| ***(c)*** | ***CallableStatement*** |
| ***(d)*** | ***CallabledStatement*** |

***Ans:c***

***8. What is the use of blob, clob datatypes in JDBC?***

|  |  |
| --- | --- |
| ***(a)*** | ***to store byte array*** |
| ***(b)*** | ***to store large amount of data into database like images, movie*** |
| ***(c)*** | ***to store arrived packets like UDP packets*** |
| ***(d)*** | ***to store char array*** |

***Ans:b***

***9. In \_\_\_\_\_\_ ResultSet, the cursor can scroll forwards and backwards, and the result set is sensitive to changes made by others to the database that occur after the result set was created?***

|  |  |
| --- | --- |
| ***(a)*** | ***ResultSet.TYPE\_FORWARD\_ONLY*** |
| ***(b)*** | ***ResultSet.TYPE\_SCROLL\_SENSITIVE*** |
| ***(c)*** | ***ResultSet.TYPE\_SCROLL\_INSENSITIVE*** |
| ***(d)*** | ***None of the above***  ***Ans:b*** |

***10. Which method executes a simple query and returns a single Result Set object?***

|  |  |
| --- | --- |
| ***(a)*** | ***executeQuery()*** |
| ***(b)*** | ***executeUpdate()*** |
| ***(c)*** | ***execute()*** |
| ***(d)*** | ***run()*** |

***Ans:a***

***11. What is the correct order to close database resources?***

|  |  |
| --- | --- |
| ***(a)*** | ***Connection then Statement then ResultSet*** |
| ***(b)*** | ***ResultSet then Statement then Connection*** |
| ***(c)*** | ***Statement then Connection then ResultSet*** |
| ***(d)*** | ***Statement then ResultSet then Connection***  ***Ans:b*** |

***12. Which of following statement is false for PreparedStatement ?***

|  |  |
| --- | --- |
| ***(a)*** | ***PreparedStatement is used to execute the parameterized query.*** |
| ***(b)*** | ***Query is compiled only once.*** |
| ***(c)*** | ***PreparedStatement is used when we need to provide input parameters to the query at runtime.*** |
| ***(d)*** | ***In the PreparedStatement, the query is compiled each time we run the program.***  ***Ans:d*** |

***13. The executeUpdate method can be used with \_\_\_\_\_\_\_\_\_\_\_\_.***

|  |  |
| --- | --- |
| ***(a)*** | ***Statements(Select and Update both)*** |
| ***(b)*** | ***Select statement.*** |
| ***(c)*** | ***Update/delete/insert operations in the database.*** |
| ***(d)*** | ***Only insert operation.***  ***Ans:c*** |

***14. Which of following is use of next() method of ResultSet object ?***

|  |  |
| --- | --- |
| ***(a)*** | ***Moves the cursor to the specified row.*** |
| ***(b)*** | ***Moves the cursor forward one row from its current position.*** |
| ***(c)*** | ***Moves the cursor the given number of rows forward or backward, from where it is currently pointing.*** |
| ***(d)*** | ***Moves the cursor to the first row.***  ***Ans:b***  ***15.getBlob() method is available from***  ***(a)Statement***  ***(b)Blob***  ***(c)ResultSet***  ***(d)PreparedStatement***  ***Ans:c***  ***16.return type of length() method from Blob***  ***(a)int***  ***(b)float***  ***(c)long***  ***(d)none***  ***Ans:c***  ***17.relative() method\_\_\_\_***  ***(a)moves the cursor to after the last row in ResultSet***  ***(b)moves the cursor to specified row***  ***(c)both (a) and (b)***  ***(d)none***  ***Ans:b***  ***18.FileOutputStream will create a new file with 0 kb***  ***(A)true***  ***(b)Fale***  ***Ans:a***  ***19.exists() method will check the file available in specified location or not***  ***(A)True***  ***(B)False***  ***Ans:a***  ***20.getBytes() method will convert the stream into Character Array***  ***(A)True***  ***(B)False***  ***Ans:b***  ***Practical***  ***1.Construct Application for the following Specications***  ***(i)create table with name Stream4(id,name,resume,photo)***  ***(ii)Construct program to insert id,name,resume and photo***  ***(iii)Construct program to retrieve the details using id***  ***2.Construct Application for the following Specications***  ***(i)create table with name User4(uid,unam,city,mid,phno)***  ***(ii)Construct program to insert 5 records***  ***(iii)Construct Application to display the details in reverse(table data in reverse)***  ***3.Construct Application for the following Specications***  ***step-1 : Create the following DB Tables***  ***StuData(stuId,stuRollNo,stuName,stuBranch)***  ***StuAddress(stuId,stuHno,city,pincode)***  ***StuContact(stuId,mid,phno)***  ***step-2 : Construct Procedure to insert student details into DB Tables.***  ***step-3 : Construct JDBC Application to execute Procedure.*** |