## Pregunta 1

Which of the following are valid JDBC URLs? (choose 3)

A. jdbc.derby.localhost/test

B. jdbc://mysql.com/datas

C. http://jdbc.mysql/mybase

D. jdbc:oracle:thin:@localhost:6060:passdb

E. jdbc:mysql://192.168.23.40:3306/mysql

F. jdbc:xderby:1670:priters

# Pregunta 2

Assume ds is a DataSource and the EMP table is defined appropriately.

```
try (Connection conn = ds.getConnection();
    PreparedStatement ps = conn.prepareStatement("INSERT INTO EMP VALUES(?, ?, ?)")) {
    ps.setObject(1, 101, JDBCType.INTEGER);
    ps.setObject(2, "SMITH", JDBCType.VARCHAR);
    ps.setObject(3, "HR", JDBCType.VARCHAR);
    ps.executeUpdate();
    ps.setInt(1, 102);
    ps.setString(2, "JONES");
    ps.executeUpdate();
}
```

What does executing this code fragment do?

A. inserts two rows (101, 'SMITH', 'HR') and (102, 'JONES', NULL)

B. inserts two rows (101, 'SMITH', 'HR') and (102, 'JONES', 'HR')

C. inserts one row (101, 'SMITH', 'HR')

D. throws a SQLException

# Pregunta 3

Consider the following code written to generate a report containing customer data where each line is a pipe separated list of values.

```
String qr = "select EMAILID, NAME,  PHONE from CUSTOMER order by EMAILID";

PreparedStatement stmt = connection.prepareStatement(qr);

ResultSet rs = stmt.executeQuery(); //LINE 10

while(rs.next()){

   System.out.println(rs.getString(0)+"|"+rs.getString(1)+"|"+rs.getString(3));

}

connection.close();
```

Identify the correct statement about this code.

(Assume that items not specified such as import statements and try/catch block are all valid.)

A. It will throw an exception when run if there is at least 1 record in the table.
B. It will throw an exception when run if there are no records in the table.
C. It will print the data as expected.
D. It will not compile.