# W2D2 Homework

# Question 1

Table emp, order by ename increasing，which one or more are correct?

A.select ename , salary from emp   order by ename asc

D.select ename , salary from emp   order by ename  ;

# Question 2

Table EMPLOYEES

EMPLOYEE\_ID        NUMBER          Primary Key FIRST\_NAME             VARCHAR2(25) LAST\_NAME              VARCHAR2(25)

Which one insert one record to the table correctly?

 C. INSERT INTO employees VALUES(1000,’John’,’NULL’);

# Question 3

SELECT name, rank, serialNo FROM employee.

Which one to get the value of first column of rs?

A. rs.getString(0);

B. rs.getString("name");

C. rs.getString(1);

D. rs.getString(“ename”);

# Question 5

Why we use Class.forName?

The purpose of Class.forName is used when the driver class name is not known. Just passing string and load class in the memory. It can be used to load the JDBC drivers directly.

# Question 6

What’s the difference between Statement and PreparedStatement?

Prepared Statement is a better version of statement, can be parameterized, and it is faster than the statement.

Statement is the one that parse the incoming sql query and compilation of the query, optimizing data acquision path and executing the optimized query.

# Question 7

How to close the resultset, statement and connection after we finished the database operation? Write the codes.

rs.close();

pstmt.close();

conn.close();