Java Programming (Intermediate) (92759)   Homeworks   Review Test Submission: Homework 10

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Course	Java Programming (Intermediate) (92759)
Test	Homework 10
Started	4/20/24 12:07 PM
Submitted	4/20/24 12:26 PM
Due Date	5/5/24 11:59 PM
Status	Completed
Attempt Score	27 out of 30 points
Time Elapsed	18 minutes
Results Displayed	All Answers, Submitted Answers, Correct Answers

Question 1

1 out of 1 points

JDBC 4 supports _____, so you do not need to manually load the database driver before accessing a database.

Selected Answer: ✅ automatic driver discovery

Answers: automatic driver downloading

                  automatic driver creation

              ✅ automatic driver discovery

                  None of the above.

Question 2

1 out of 1 points

In an UPDATE statement, the SET keyword is followed by _____.

Selected
Answer: ✅
            a comma-separated list of column name-value pairs in the format columnName = value

Answers: a comma-separated list of column value-name pairs in the format value = columnName

            ✅
            a comma-separated list of column name-value pairs in the format columnName = value

a semicolon-separated list of column value-name pairs in the format value = columnName

a semicolon-separated list of column name-value pairs in the format columnName = value

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Question 3

1 out of 1 points

Classes and interfaces for the JDBC API can be found in which package?

Selected Answer: ✅ java.sql.

Answers: java.jdbc.

               javax.jdbc.

          ✅ java.sql.

               java.sql.jdbc.

Question 4

1 out of 1 points

The default sort order in a sorted query is _____.

Selected Answer: ✅ ascending

Answers: ✅ ascending

               descending

               natural

               None of the above

Question 5

1 out of 1 points

Which symbol indicates that all columns should be retrieved?

Selected Answer: ✅ *

Answers: ?

          ✅ *

               +

               /

Question 6

1 out of 1 points

Transaction processing enables a program to treat a database operation, or set of operations, as single operation. This is known as a(n) _____ or a(n) _____.

Selected Answer: ✅ atomic operation, transaction.

Answers: atomic operation, unique operation.

                      unique operation, transaction.

                 ✅ atomic operation, transaction.

                      None of the above.

Question 7

1 out of 1 points

What does a primary key do?

Selected Answer: ✅ Identifies each row of a table.

Answers: ✅ Identifies each row of a table.

                      Selects a number of rows from a database.

                      Stores a bunch of related data.

                      None of the above.

Question 8

1 out of 1 points

SQL statements that are stored in a database can be invoked using an object that implements interface _____.

Selected Answer: ✅ CallableStatement

Answers: Callable

                      StoredStatement

                 ✅ CallableStatement

                      Connection

Question 9

1 out of 1 points

Which SQL keyword is required in every query?

Selected Answer: ✅ FROM.

Answers: ✅ FROM.

                      WHERE.

                      ORDER BY.

LIKE.

Question 10

1 out of 1 points

Which of the following is a key benefit of using JDBC?

Selected
Answer:
✅ Allows developers to change the underlying database without modifying the Java code.

Answers: It is a simple-to-use database management system.

✅ Allows developers to change the underlying database without modifying the Java code.

It is a multi-platform database management system.

It provides a GUI for database management systems.

Question 11

1 out of 1 points

The result of a query can be sorted by using the optional _____ clause.

Selected Answer: ✅ ORDER BY

Answers: ✅ ORDER BY

ORDER

SORT BY

SORT

Question 12

1 out of 1 points

When joining tables, the _____ clause specifies the columns from each table that are com¬pared to determine which rows are merged.

Selected Answer: ✅ ON

Answers: ✅ ON

WHERE

LIKE

GROUP

Question 13

1 out of 1 points

Selection criteria can be added to a SQL query using which keyword?

Selected Answer: ✅ WHERE.

Answers: FROM.

                ✅ WHERE.

                SELECT.

                LIKE.

Question 14

1 out of 1 points

To obtain data from a table, you _____ the database?

Selected Answer: ✅ query

Answers: select

                ✅ query

                get

                None of the above

Question 15

1 out of 1 points

PreparedStatement method _____ returns a ResultSet.

Selected Answer: ✅ executeQuery

Answers: executeUpdate

                ✅ executeQuery

                execute

                None of the above.

Question 16

1 out of 1 points

Which of the following states the Rule of Entity Integrity?

Selected
Answer: ✅
                Every row must have a value for the primary key and each value
                must be unique.

Answers: ✅
                Every row must have a value for the primary key and each value
                must be unique.

Every foreign key must appear as another table's primary key.

Every row must have a value for the primary key and values may be repeated.

None of the above.

Question 17

1 out of 1 points

If a query includes columns from multiple tables that have the same name, the statement must precede those column names with _____.

Selected Answer: ✅ their table names and a dot.

Answers: their database names.

     their database names and a dot.

    ✅ their table names and a dot.

     their table names.

Question 18

1 out of 1 points

A _____ is a column (or set of columns) which have a unique value that cannot be duplicated in other rows?

Selected Answer: ✅ primary key.

Answers: ✅ primary key.

     query.

     SQL statement.

     lookup value.

Question 19

1 out of 1 points

This keyword is used to add a row to a table.

Selected Answer: ✅ INSERT.

Answers: ✅ INSERT.

     ADD.

     UPDATE.

     CREATE.

Question 20

1 out of 1 points

To retrieve specific columns from a table, use _____ to separate the column names.

Selected Answer: ✅ ,

Answers: ?

                 *

          ✅ ,

                 -

Question 21

1 out of 1 points

Which statement is false?

Selected Answer: ✅ Interface JdbcRowSet is in the javax.rowset package.

Answers: ✅ Interface JdbcRowSet is in the javax.rowset package.

                    A CachedRowSet object is scrollable and updatable by default.

                    A JdbcRowSet object is scrollable and updatable by default.

                    JdbcRowSet is a connected RowSet.

Question 22

1 out of 1 points

Pattern matching in a SQL query is performed with which clause?

Selected Answer: ✅ LIKE.

Answers: FROM.

                    WHERE.

                    SELECT.

                 ✅ LIKE.

Question 23

1 out of 1 points

What is the name of a key in one table that is required to match a primary key in another table?

Selected Answer: ✅ Foreign key.

Answers: ✅ Foreign key.

Matching key.

Joined key.

Linking key.

Question 24

0 out of 1 points

Which constants are used to indicate that a ResultSet is scrollable, insensitive to changes and read only?

Selected Answer: ❌ TYPE_SCROLL_INSENSITIVE, CONCUR_READONLY.

Answers: TYPE_SCROLLABLE_INSENSITIVE, CONCUR_READ_ONLY.

                  TYPE_SCROLLABLEINSENSITIVE, CONCUR_READONLY.

              ✅ TYPE_SCROLL_INSENSITIVE, CONCUR_READ_ONLY.

                  TYPE_SCROLL_INSENSITIVE, CONCUR_READONLY.

Question 25

1 out of 1 points

Which statement is false?

Selected Answer: ✅ A WHERE clause must be present in a DELETE statement.

Answers: A DELETE statement removes rows from a table.

                  A DELETE statement must specify the table from which to delete.

                  A DELETE statement starts with the keyword DELETE.

              ✅ A WHERE clause must be present in a DELETE statement.

Question 26

0 out of 1 points

What exception is thrown if the class loader cannot locate the driver class?

Selected Answer: ❌ [None Given]

Answers: NoSuchClassException.

                  ClassCastException.

              ✅ ClassNotFoundException.

                  IllegalClassException.

Question 27

0 out of 1 points

Which SQL keyword is used to merge rows from multiple tables?

Selected Answer: ❌   JOIN.

Answers: JOIN.

✅   INNER JOIN.

GROUP.

MERGE.

Question 28

1 out of 1 points

What is the relationship between a primary key and its corresponding foreign keys?

Selected Answer: ✅   One-to-many.

Answers: One-to-one.

Many-to-one.

Many-to-many.

✅   One-to-many.

Question 29

1 out of 1 points

In a PreparedStatement, parameters are counted from position _____.

Selected Answer: ✅   1

Answers: 0

✅   1

2

3

Question 30

1 out of 1 points

SQL uses the _____ as a delimiter for strings.

Selected Answer: ✅   single quotes (' and ')

Answers: double quotes (" and ")

✅   single quotes (' and ')

underscore (-)

percent (%)

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← **OK**