Test: DFo Database Foundations Final Exam

Section 4
I Engineering is the process of creating a conceptual or logical model by extracting the information from an existing data source. Top-Down Reverse (*) Forward Carget C
Correct
1/1) Points
2. The steps to convert a Logical model to a Relational model using the Oracle SQL Developer Data Modeler are: Select the Logical model, Click the Engineer to Relational Model icon, Accept defaults, Click Engineer (*) Click the Engineer to Relational Model icon, Select the Logical model, Click Engineer, Accept defaults. Select the Logical model, Accept defaults, Click the Engineer to Relational Model con, Click Engineer
Correct
1/1) Points 3. In Oracle SQL Data Modeler, the attribute that you assign as primary UID is automatically set to a mandatory attribute and will be engineered to a primary key in the relational model. Frue (*) False
Correct
1/1) Points
4. Which of the following cannot be modeled using the Oracle SQL Data Modele of Entities, attributes, UIDs Capertype and subtype entities Capertype and subtype entities Arc relationships Arc relationships Capertype and Subtype entities Capertype Relationships Capertype

(1/1) Points

Section 5

(Answer all	questions	in this	section)
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5. We can apply naming abbreviations using the .csv file containing the abbreviations

True (*)

False^O

Correct

Section 5

(Answer all questions in this section)

6. To use the Oracle SQL Developer Data Modeler to apply naming standards:

Use a .docx file constaining table names and abbreviations

Use a .csv file constaining table names and abbreviations (*)®

Use a .accdb file constaining table names and abbreviations ^O

None of the above.

Correct

(1/1) Points

7. The glossary can be used as the naming standard for your Logical Model.

True (*)®

False[©]

Correct

(1/1) Points

8. You can define naming standards in Oracle SQL Developer Data Modeler using ______.

Glossary

Naming Templates[©]

Design Rule Validations[©]

All of the above can be used to define naming standards in Oracle SQL Data Modeler. (*)

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Correct

(1/1) Points

Section 6

(Answer all questions in this section)

9. When altering a table, you can decrease the width of a column if \dots

(Choose 3)

(Choose all correct answers)

The column contains numeric values The decrease in column width is not less than the existing values in that column (*) The table has no rows (*) The column contains only null values (*)
Correct
(1/1) Points
10 constraints can only be created at the column level. Primary Key Not Null (*) Unique Check Correct
(1/1) Points
Section 6
(Answer all questions in this section) 11. Which constratint specifies that the column (or combination of column) must contain unique value AND IS NOT NULL for all rows? UNIQUE KEY PRIMARY KEY (*) CHECK NOT NULL
Correct
(1/1) Points 12. DDL means: Data Distribution Language Data Definers Language Data Definition Language (*) None of the above.
Correct
(1/1) Points
13. To issue a CREATE TABLE statement, you must have the privilege. DISTRIBUTE TABLE C CREATE TABLE (*) Both

None [©]
Correct
(1/1) Points
14. A database transaction consists of the following except: One DDL Statement One TCL Statement DML statements representing one consistent change to the data SELECT queries (*) Correct
(1/1) Points
15 give you more flexibility and control when changing data, and they ensure data consistency in the event of user process failure or system failure. Transactions (*) Code blocks Functions Procedures
Correct
(1/1) Points
Section 6
(Answer all questions in this section) 16. A transaction begins when the first DML statement is encountered and ends when one of the following occurs A COMMIT or ROLLBACK statement is issued. A DDL statement, such as CREATE, is issued. Either of the above statements (*) None of the above Correct
(1/1) Points
17. Users may view data that is in the process of being changed by another user. True False (*) False (*)
Correct
(1/1) Points

18. The join clause is based on all the columns in the two tables that have the same name and the same datatype. NATURAL JOIN (*) CROSS JOIN USING OUTER JOIN Correct
(1/1) Points
19. A join between two tables that returns the results of an INNER join as well as the results of a left and right join is a join. FULL OUTER (*) INNER OUTER CROSS JOIN TOTAL OUTER Correct
(1/1) Points
20. Will the following statement execute successfully (True or False)? SELECT e.employee_id, e.last_name, e.department_id, d.department_id, d.location_id FROM employees e JOIN departments d ON (e.department_id = d.department_id); True (*) False Correct
(1/1) Points
Section 6
(Answer all questions in this section) 21. What type of join is the following statement? SELECT e.EMPLOYEE_ID, e.LAST_NAME, d.DEPARTMENT_ID, d.DEPARTMENT_NAME, d.LOCATION_ID FROM EMPLOYEES e, DEPARTMENTS d; OUTER JOIN NATURAL JOIN CROSS JOIN (*) Correct
(1/1) Points

22. Which of the following statements is syntactically correct? SELECT e.employee_id, e.last_name, e.department_id, d.department_id, d.location id FROM employees e JOIN departments d ON (e.department_id = d.department_id) AND e.manager id = 149; SELECT e.employee id, e.last name, e.department id, d.department id, d.location id FROM employees e JOIN departments d ON (e.department_id = d.department_id) WHERE e.manager id = 149; Both statements are syntactically correct. (*) Neither statement is syntactically correct. Correct (1/1) Points 23. The _____ clause can be used to match columns with the same name, but different data types. NATURAL JOIN[©] USING (*)[®] OUTER JOIN[©] CROSS JOIN® Correct (1/1) Points 24. A table is the basic storage structure of an RDBMS. True (*)® False[©] Correct (1/1) Points 25. Which software is used to manage reading and manipulating a relational database? Flat file software ERD software Spreadsheet software DBMS software (*)® Correct (1/1) Points

Section 6

(Answer all questions in this section) 26. The type of SQL Command used to modify data is: TCL DCL DDL DML (*) OML (*)
Correct
(1/1) Points27. All of the following are tools to access a relational database except :
SQL * Plus
Oracle SQL Developer [©]
Oracle SQL Data Modeler (*) Oracle Application Express Contact of the Contact o
Correct
(1/1) Points
28. You can upload and save a SQL Script from the option. SQL Commands SQL Scripts (*) Utilities Object Browser RESTful Services
Correct
(1/1) Points
29. In the APEX application a is a collection of logical structures of data. A is owned by a database user and has the same name as that user. table of the other interests of the other interests of data. A is owned by a database user and has the same name as that user. table of the other interests of data. A is owned by a database user and has the same name as that user.
Correct
(1/1) Points
30. The clause in a query comes immediately after the SELECT and FROM. ORDER BY IF NATION (**)
WHERE (*)®

GROUP BY®
Correct
(1/1) Points
Section 6
(Answer all questions in this section) 31. You can link columns to other columns, arithmetic expressions, or constant values to create a character expression by using the operator (). literal alias addition concatenation (*)
Correct
(1/1) Points
32. You can display selected columns of a table by listing them in the clause. WHERE IF SELECT (*) FROM Correct
(1/1) Points
33. If an arithmetic expression contains more than one operator, are evaluated first. addition and subtraction anything in parenthesis (*) multiplication and division exponentiation Correct
(1/1) Points
34. The DESCRIBE command describes the results of a query. True False (*) False (*)
Correct
(1/1) Points
35. By default column aliases appear

Mixed case [©]
Lower case [©]
There is no default.
Upper case (*) [●] Correct
(1/1) Points
Section 6
(Answer all questions in this section) 36. Arithmetic expressions containing a null value evaluate to zero will cause an error null (*) whatever the calculation evaluates to
Correct
(1/1) Points
37. Which operator is used to display rows based on an ordered range of values? NOT NULL LIKE IN BETWEEN (*) O O O O O O O O O O O O O
Correct
(1/1) Points
38. You can override the default order by using parentheses around the expressions that you want to calculate first. True (*) False
Correct
(1/1) Points
39. A logical condition combines the result of two component conditions to produce a single result based on those conditions or it inverts the result of a single condition. True (*) False
Correct
(1/1) Points

40. Which of the following is the wildcard used for any number of characters in SQL?
Correct
(1/1) Points
Section 6
(Answer all questions in this section) 41. The operator requires either of the component conditions to be true. AND OR (*) BETWEEN EITHER Correct
(1/1) Points 42. When you have constraints in place on columns, an error is returned if you try to violate the constraint rule. True (*) False
Correct
(1/1) Points 43. Any column that is not listed explicitly obtains a null value in the new row unless we have values for the missing columns that are used. DEFAULT (*) STANDARD BEGINNING INSERT Correct
(1/1) Points
44. You can delete a row that contains a primary key that is used as a foreign key in another table. True False (*) Correct

(1/1) Points
45. When issuing a SQL DELETE command all rows in the table are deleted if you omit the clause. SELECT IF WHEN WHERE (*)
Correct
(1/1) Points
Section 6
(Answer all questions in this section) 46. The UPDATE statement modifies the values of a specific row or rows if the clause is specified. WHERE (*) VALUE SET MODIFY MODIFY
Incorrect. Refer to Section 6 Lesson 4.
(0/1) Points
47. Which statements are not true? (Choose 2) (Choose all correct answers) You cannot use a column alias in the ORDER BY clause. (*) You can sort by a column that is not in the SELECT list. You cannot sort query results by more than one column. (*) You can sort query results by specifying the numeric position of the column in the SELECT clause.
Correct
(1/1) Points
48. You can use to temporarily store values, while executing a query. substitution variables (*) database tables literal values database fields Correct
Correct

(1/1) Points

49. Top-n-analysis is used when you want to retrieve only the top number of records from a result set.

True (*)

False[©]

Correct

(1/1) Points

50. The ORDER BY clause must be placed before the WHERE clause in a SQL statement.

True

False (*)®

Correct

(1/1) Points