

## Student Result

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**Exam:** Diacto Technologies

**Score:** 47.0/50.0

**Percentage:** 94.00%

### Question-wise Summary

Sr.no	Question	Selected Answer	Correct Answer
1	Which SQL clause is used to filter the results of an aggregate function?	<b>HAVING</b>	<b>HAVING</b>
2	Which Window Function finds the 3rd-highest salary, skipping the next rank if duplicates exist?	<b>DENSE_RANK()</b>	<b>RANK()</b>
3	What is the difference between DELETE and TRUNCATE?	<b>DELETE can be rolled back</b>	<b>DELETE can be rolled back</b>

4	<p>What does a 'Bookmark Lookup' in an execution plan indicate?</p>	<p><b>Missing index columns</b></p>	<p><b>Missing index columns</b></p>
5	<p>Which join returns all rows from the left table and matching rows from the right?</p>	<p><b>LEFT JOIN</b></p>	<p><b>LEFT JOIN</b></p>
6	<p>What is the 'SARGability' of a SQL query?</p>	<p><b>Ability to use an index</b></p>	<p><b>Ability to use an index</b></p>
7	<p>What is the primary purpose of a 'View' in SQL?</p>	<p><b>Virtual table for security</b></p>	<p><b>Virtual table for security</b></p>
8	<p>Which isolation level provides highest consistency but lowest concurrency?</p>	<p><b>SERIALIZABLE</b></p>	<p><b>SERIALIZABLE</b></p>

9	What is the purpose of the COALESCE() function?	First non-null value	First non-null value
10	A 'Clustered Index' in SQL Server determines:	Physical order	Physical order
11	Normalization is primarily used to:	Minimize redundancy	Minimize redundancy
12	What does the CROSS APPLY operator do?	Multiplies columns	Join to Table Function
13	Which operator is used for pattern matching in SQL?	LIKE	LIKE
14	What is the difference between a CTE and a Temporary Table?	CTE for single statement	CTE for single statement

15	<p>Which command is used to remove a table structure and its data?</p>	<p><b>DROP TABLE</b></p>	<p><b>DROP TABLE</b></p>
16	<p>In SSIS, what does ETL stand for?</p>	<p><b>Extract, Transform, Load</b></p>	<p><b>Extract, Transform, Load</b></p>
17	<p>Which of these is a 'Blocking Transformation' in SSIS?</p>	<p><b>Sort</b></p>	<p><b>Sort</b></p>
18	<p>What is the primary purpose of SSAS?</p>	<p><b>OLAP and Data Mining</b></p>	<p><b>OLAP and Data Mining</b></p>
19	<p>What is 'Incremental Loading'?</p>	<p><b>Load only new/changed</b></p>	<p><b>Load only new/changed</b></p>

20	Which schema is more optimized for BI due to simpler joins?	Star Schema	Star Schema
21	In SSIS, what do 'Checkpoints' do?	Restart from failure	Restart from failure
22	What is a 'Fact Table' in a star schema?	Quantitative measures	Quantitative measures
23	Which MSBI tool is best for paginated, printable reports?	SSRS	SSRS
24	In SSAS Tabular modeling, 'DAX' stands for:	Data Analysis Expressions	Data Analysis Expressions
25	What is the purpose of 'Data Mapping' in ETL?	Source to Destination field	Source to Destination field

26	Which SSIS component performs actions based on a condition?	Precedence Constraints	Precedence Constraints
27	A 'Slightly Changing Dimension' (Type 2) tracks history by:	New record per change	New record per change
28	In Tableau, what are 'Dimensions'?	Categorical data	Categorical data
29	What is a 'LOD Expression' in Tableau?	Independent detail level	Independent detail level
30	Which Excel feature summarizes large datasets without formulas?	Pivot Tables	Pivot Tables

31	In Tableau, what is a 'Packaged Workbook' (.twbx)?	Zip of images	Design + Data Source
32	Which chart is best for correlation between Spend and Revenue?	Scatter Plot	Scatter Plot
33	In Excel Power Query, what are 'Applied Steps'?	Transformation sequence	Transformation sequence
34	What is 'Data Granularity'?	Level of detail per row	Level of detail per row
35	What is the primary function of VLOOKUP?	Search and return value	Search and return value
36	In Tableau, what is a 'Live Connection'?	Real-time connection	Real-time connection

37	Which chart is best for showing a 'Part-to-Whole' relationship?	Pie Chart	Pie Chart
38	Which SDLC model relies on frequent stakeholder feedback?	Agile	Agile
39	In Data Analysis, what is an 'Outlier'?	Significant difference	Significant difference
40	What is 'Requirements Gathering'?	Documenting needs	Documenting needs
41	What is a POC (Proof of Concept)?	Demo to verify theory	Demo to verify theory
42	Technical Documentation is used for:	Future maintenance	Future maintenance

43	A 'Functional Specification Document' (FSD) describes:	User perspective intent	User perspective intent
44	Data 'Integrity' refers to:	Accuracy and reliability	Accuracy and reliability
45	In an Agile environment, a 'Sprint' is:	Fixed period of work	Fixed period of work
46	First step if a dashboard is loading too slowly?	Check SQL query/volume	Check SQL query/volume
47	How is 'Customer Retention Rate' defined?	% purchased in both periods	% purchased in both periods
48	Where should a date format fix (DD-MM to YYYY-MM) happen?	ETL Transformation	ETL Transformation

49	What is 'Critical Thinking' in data analysis?	Question assumptions	Question assumptions
50	Which step follows 'Data Extraction' in a BI project?	Transformation/Cleaning	Transformation/Cleaning