

## Student Result

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**Exam:** Diacto Technologies

**Score:** 17.0/50.0

**Percentage:** 34.00%

### 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>WHERE</b>	<b>HAVING</b>
2	Which Window Function finds the 3rd-highest salary, skipping the next rank if duplicates exist?	<b>RANK()</b>	<b>RANK()</b>
3	What is the difference between DELETE and TRUNCATE?	<b>DELETE removes structure</b>	<b>DELETE can be rolled back</b>

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

9	What is the purpose of the COALESCE() function?	<b>Find average</b>	<b>First non-null value</b>
10	A 'Clustered Index' in SQL Server determines:	<b>Security permissions</b>	<b>Physical order</b>
11	Normalization is primarily used to:	<b>Increase redundancy</b>	<b>Minimize redundancy</b>
12	What does the CROSS APPLY operator do?	<b>INNER JOIN for tables</b>	<b>Join to Table Function</b>
13	Which operator is used for pattern matching in SQL?	<b>LIKE</b>	<b>LIKE</b>
14	What is the difference between a CTE and a Temporary Table?	<b>Temp Table no index</b>	<b>CTE for single statement</b>

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

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

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

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

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

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

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