

Student Result

Student Name: Hasnain Sayyed

Exam: Diacto Technologies

Score: 29.0/50.0

Percentage: 58.00%

Question-wise Summary

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

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

9	What is the purpose of the COALESCE() function?	Join strings	First non-null value
10	A 'Clustered Index' in SQL Server determines:	Logical order	Physical order
11	Normalization is primarily used to:	Minimize redundancy	Minimize redundancy
12	What does the CROSS APPLY operator do?	INNER JOIN for tables	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?	No difference	CTE for single statement

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

20	Which schema is more optimized for BI due to simpler joins?	3rd Normal Form	Star Schema
21	In SSIS, what do 'Checkpoints' do?	Backup source	Restart from failure
22	What is a 'Fact Table' in a star schema?	Stores queries	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'?	Filter limits	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?	Stacked Bar	Scatter Plot
33	In Excel Power Query, what are 'Applied Steps'?	Row count	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?	Create chart	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?	Website visits	% purchased in both periods
48	Where should a date format fix (DD-MM to YYYY-MM) happen?	Source system	ETL Transformation

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