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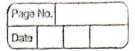
- Ans 1. An OLAP cube is a data structure that overcomes the limitations of relational databases by providing rapid
 - analysis of data.

 2. Cubes can display and sum large amounts of data while also providing usess with searchable access to any data points.
 - 3. This way, the data can be rolled up, sliced and diced as needed to handle the west/widest variety of questions that are relevant to a user's state of interest.
 - 4. IT developers with a working knowledge of DLAP cuber can create management packs to define their own extensible and customizable OLAP cubes that are built on the data warehouse infrastructure.
 - 5. These cubes are stored in SQL Bervices Analysis Services [SSAS].
 - p2) Explain about MOLAP?
- And I Classif form of OLAP is known as MOLAP and often called as OLAP.
 - 2: Simple databases structure such as time, period, product, location, etc. are used.
 - 3. Functioning of each and every dimensions or data structure is defined by one or more hierarchies.
 - 93) Explain about ROLAP?
- Am 1. Functioning of ROLAP occurs simultaneously with

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	relational databases.	
2.		itored as relational tables.
3.		on or data new tables are
	created.	Markey was the state of the
4.	Functioning of ROLAP	depends upon specialized schema
	design.	Lacine : de spartitivé
Q 34.	what is hyorid EXPlain about BOLAP +	lybrid :?
Ano 1.	when a database dev	eloper uses Hybrid OLAP it
		een relational and specialized
	storage.	Add the state of t
2,	In some particular mod	ifications a HOLAP database may
1	store huge amounts of	data in its relational tables.
8.	specialized data storag	e is used to store data which
	is less detailed and m	ore aggregate.
	and the second of the second o	
ØS.	Explain difference between	ep MOLAP and ROLAP?
	ROLAP.	MOLAP
<u> </u>	Stands for relational online	Stands for multidimensional
<u> </u>	analytical processing.	online analytical processing.
2.	Used for large data volumes	Used for limited data volumes.
<u>3</u> ,	Access is slow.	- Access is fast.
4.	Data stored in relational tables	Data stored in multidemensional cubes
<u>s</u> .	Data is fetched from	Data is fetched from MDDBs
	data warehowe.	database
6.	In ROLAP, complicated	Here sparse matrix is used.
	SOL queries are used.	
7.	Static multidimensional	Dymanic multidimensional view
	view of data is	of data is created.
	created.	

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	NAME: AFNAN ATTAR PRN: FIGIL 2003 CLASS: BE COMPTT. SUBJECT: BI ASSIGNMENT No 4
_ \	101 1 th allock hable 2
<u> </u>	A pivot table is a tool that allows us to summarize
HNO 1.	and analyze data in spreadsheet or database.
	You can use pivot tables to group data, calculate,
2.	average or totals, and create charts and graphs.
_	By typical data entry and storage, data usually appears
3.	in flat types, meaning that they consists of only
	columns and yours.
4.	Excel pivot tables include the features to directly query
	an online analytical processing (OLAP) server for retrieving
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	data instead of getting data from an excel spreadsheet.
\ \	Il and an a second to the seco
92)	what are some ways to rearrange data within a pivot table?
gz) Ans	There are few ways to rearrange data within a
Ana	There are few ways to rearrange data within a pivot table including:
Ana	There are few ways to rearrange data within a pivot table including:
Ana 13	There are few ways to rearrange data within a pivot table including:- Change the order of fields that we are using. Change the way data is being summarized.
Ana 13	There are few ways to rearrange data within a pivot table including:
Ana 1> 27 3)	There are few ways to rearrange data within a pivot table including:- Change the order of fields that we are using. Change the way data is being summarized. Change the way the data is being filtered.
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and what are the advantages of using a pivot chart over a regular chart? Pivot charts offer a number of advantages over regular charts, chief among them being that they are far more flexible and customizable with a regular chart, you are limited to the data that is already present in the chart 3. with a pivot chart we can easily change the data that is being used to generate the chart, without having to recreate the entire chart from scratch. 4. This makes pivots charts more versatile and weful for data analytics. ps) How is a pivot table different from a summary table? Ans . A pivot table is a type of summary table that allows you to recognize and summarize data in a flexible way 2. with a pivot table, we can choose which columns and rows to include in your summary, and you can also choose how to summarize data. 3. For example, you could use a pivot table to sum data by month, or you could use a pivot table to calculate the average price of a product by category A summary table, on the other hand, is a static table that shows a summary of clota from a larger dota set 5. Summary tables are typically used to show things like totals and averages, and they cannot do customization the way pivot tables can.