1. A and D

2. A and B

3. B

4. B

5. A

6. C

7. B

8. B

9. D

10. A

11. In computing, a data warehouse (DW or DWH), also known as an enterprise datawarehouse (EDW), is a system used for reporting and data analysis, and is considered a core component of business intelligence. DWs are central repositories of integrated data from one or more disparate sources.

12. The two terms look similar but refer to different kinds of systems. Online transaction processing (OLTP) captures, stores, and processes data from transactions in real time. Online analytical processing (OLAP) uses complex queries to analyze aggregated historical data from OLTP systems.

13.There are three prominent data warehouse characteristics**:**

* Integrated: The way data is extracted and transformed is uniform, regardless of the original source.
* Time-variant: Data is organized via time-periods (weekly, monthly, annually, etc.).
* Non-volatile: A data warehouse is not updated in real-time.

14. A star schema is diagramed by surrounding each fact with its associated dimensions. The resulting diagram resembles a star. Starschemas are optimized for querying large data sets and are used in data warehouses and data marts to support OLAP cubes, business intelligence and analytic applications, and ad hoc queries.

15. By Vangie Beal Short for Set Theory as a Language (or Set Language), SETL is a high-level programming language that's based on the mathematical theory of sets. It was developed in the early 1970's by mathematician Professor J.