

Q1 and Q2 have one or more correct answer. Choose all the correct option to answer your question.

Q3 to Q10 have only one correct answer. Choose the correct option to answer your question.

11. What **is** data-warehouse?

Ans :- A data warehouse, **is** a central repository system **in** which businesses store valuable information, such as customer **and** sales data, **for** analytics **and** reporting purposes.

12. What **is** the difference between OLTP VS OLAP?

OLTP vs OLAP

OLTP **is** an online database modifying system. & OLAP **is** an online database query management system.

OLTP uses traditional DBMS.& OLAP uses the data warehouse.

Insert, Update, **and** Delete information from the database & Mostly select operations

Tables **in** OLTP database are normalized.& Tables **in** OLAP database are **not** normalized.

It's response time **is in** millisecond.& Response time **in** seconds to minutes.

Allow read/write operations.& Only read **and** rarely write.

It **is** a market orientated process.& It **is** a customer orientated process.

Queries **in** this process are standardized **and** simple. & Complex queries involving aggregations.

13. What are the various characteristics of data-warehouse?

14. What **is** Star-Schema?

Ans :- A star schema **is** the elementary form of a dimensional model, **in** which data are organized into facts **and** dimensions.

15. What do you mean by SETL?

Ans :- It **is** based on SET Theory , used **for** mathematical **and** telecommunication application.