Started on	Tuesday, 11 January 2022, 6:08 PM
State	Finished
Completed on	Tuesday, 11 January 2022, 6:39 PM
Time taken	31 mins 36 secs

Question 1

Complete

Marked out of 1.00

____ transparency exists when the end user or programmer must specify the database fragment names but does not need to specify where these fragments are located

○ a. Transaction

◉ b. Fragmentation

○ c. Location

○ d. Local Mapping

Question 2

Complete

Marked out of 1.00

Which of the following are business conditions that encourage the use of distributed databases?

○ a. Companies that only store data on spreadsheets

○ b. Companies with less than 10 employees

○ c. Lack of Data sharing needs

◉ d. Data communication reliability

Question 3

Complete

Marked out of 1.00

____ transparency ensures that the system will continue to operate in the event of a node failure

○ a. Transaction

○ b. Performance

◉ c. Failure

○ d. Distribution

Question 4

Complete

Marked out of 1.00

Which operation are allowed in a join view

- ○ a. All of the mentioned
- ○ b. INSERT
- ○ c. UPDATE
- ○ d. DELETE

Question 5

Complete

Marked out of 1.00

A set of operations on data that is performed across two or more data repositories are called

- ○ a. Distributed Variable
- ○ b. Distributed Operations
- ○ c. Distributed Transaction
- ○ d. Distributed Data

Question 6

Complete

Marked out of 1.00

A____ is a query that retrieves rows from more than one table or view

- ○ a. Join
- ○ b. End
- ○ c. Start
- ○ d. All of the mentioned

Question **7**

Complete

Marked out of 1.00

Which view that contains more than one table in the top-level FROM clause of the SELECT statement

- ○ a. Updatable join view
- ○ b. Join view
- ○ c. All of the mentioned
- ○ d. Datable join view

Question **8**

Complete

Marked out of 1.00

Location transparency allows for which of the following?

- ○ a. All of the mentioned
- ○ b. Users to treat the data as if it is at one location
- ○ c. Managers to treat the data as if it is at one location
- ○ d. Programmers to treat the data as if it is at one location

Question **9**

Complete

Marked out of 1.00

Which can be defined as the method in which the selected plan is executed at the query optimization stages

- ○ a. Query Decomposition
- ○ b. Query Execution
- ○ c. Query Process
- ○ d. Query Normalization

Question **10**

Complete

Marked out of 1.00

A transaction manager is which of the following

○ a. Maintains appropriate concurrency control

○ b. Maintains the log of transactions

○ c. Maintains before and after database images

◉ d. All of the mentioned

Question **11**

Complete

Marked out of 1.00

Which of the following represents a fraction of rows from a rows set

○ a. Cardinality

◉ b. Selectivity

○ c. Estimator

○ d. Query Transformer

Question **12**

Complete

Marked out of 1.00

The process of choosing the most appropriate execution strategy for query processing is called,

◉ a. Query Optimization

○ b. Query Preprocessing

○ c. Query Generation

○ d. Query Decomposition

Question **13**

Complete

Marked out of 1.00

Which of the following is the oldest database model

○ a. Network

○ b. Deductive

○ c. Relational

○ d. Physical

Question **14**

Complete

Marked out of 1.00

Relational algebra is a

○ a. Non-Distributed Query language

○ b. Procedural query language

○ c. Distributed Query language

○ d. Non-Procedural query language

Question **15**

Complete

Marked out of 1.00

Which of the following is not a promise of distributed database?

○ a. Fragmentation Transparency

○ b. None of the mentioned

○ c. Replication Transparency

○ d. Network Transparency

Question **16**

Complete

Marked out of 1.00

A condition is referred to as _____

○ a. Join condition

○ b. Join in SQL & Condition

○ c. Join in SQL

○ d. None of the mentioned

Question **17**

Complete

Marked out of 1.00

_____ is a database stored on multiple computers in multiple locations that are NOT connected by a data communications link.

○ a. decentralized database

○ b. distributed database

○ c. data repository

○ d. unlinked database

Question **18**

Complete

Marked out of 1.00

How many join types in join condition

○ a. 3

○ b. 4

○ c. 5

○ d. 2

Question **19**

Complete

Marked out of 1.00

A homogenous distributed database is which of the following?

○ a. The same DBMS is used at each location and data are distributed across all nodes.

○ b. A different DBMS is used at each location and data are not distributed across all nodes

○ c. The same DBMS is used at each location and data are not distributed across all nodes

○ d. A different DBMS is used at each location and data are distributed across all nodes

Question **20**

Complete

Marked out of 1.00

The problem of concurrency control is more complex.

Select one:

○ True

○ False

Question **21**

Complete

Marked out of 1.00

Relational algebra is composed of

○ a. Unary operations

○ b. Binary operations

○ c. None of above mentioned

○ d. Both options(a,b)

Question **22**

Complete

Marked out of 1.00

The ____ contains the description of the entire database as seen by the database administrator

○ a. distributed data dictionary

○ b. distributed global dictionary

○ c. distributed data schema

○ d. distributed global schema

Question **23**

Complete

Marked out of 1.00

Optimization consist of selecting a strategy from a list of

○ a. Records

○ b. Candidates

○ c. Ordering

◉ d. Operations

Question **24**

Complete

Marked out of 1.00

.... property will check whether all the operation of a transaction completed or none.

○ a. Consistency

○ b. Isolation

◉ c. Atomicity

○ d. Durability

Question **25**

Complete

Marked out of 1.00

____ transparency exists when the end user or programmer must specify both the fragment names and their locations.

○ a. Location

○ b. Transaction

◉ c. Local mapping

○ d. Performance

Question 26

Complete

Marked out of 1.00

Commit and rollback are related to ....

○ a. data security

○ b. data sharing

○ c. data integrity

◉ d. data consistency

Question 27

Complete

Marked out of 1.00

Each relational algebra expression represents a particular sequence of

○ a. Expressions

○ b. Variables

○ c. Operations and expressions

◉ d. Operations

Question 28

Complete

Marked out of 1.00

Some of the columns of a relation are at different sites is which of the following?

◉ a. Vertical partitioning

○ b. Horizontal Partitioning

○ c. Horizontal Partitioning and Vertical partitioning

○ d. Data Replication

Question **29**

Complete

Marked out of 1.00

Storing a separate copy of the database at multiple locations is which of the following?

○ a. Horizontal Partitioning

○ b. Horizontal Partitioning and Vertical partitioning

◉ c. Data Replication

○ d. Vertical partitioning

Question **30**

Complete

Marked out of 1.00

Which of the following is the component of the optimizer that determines the overall cost of given execution plan

◉ a. Estimator

○ b. Cost

○ c. Time

○ d. Cardinality

◄ SCS1613 DISTRIBUTED DATABASE

Jump to...   ⬍

Announcements ►

📖📚 **e-Resources**

SATHYABAMA
INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)

Sathyabama Learning Management System
~ Developed by Cognibot

💻📚 **e-Resources**

INFO

[Facebook](#)

[Twitter](#)

[Instagram](#)

[YouTube](#)

[Sathyabama Staff Forum](#)

GET SOCIAL