

Question # 1 of 30 (Start time: 08:02:55 PM, 28 December 2020)

Tot

In data flow diagram _____symbol is used to represents data flows.

Select the correct option



square



arrow



circle



diamond

Question # 2 of 30 (Start time: 08:04:44 PM, 28 December 2020)

A relationship that involves three entities called _____.

Select the correct option

- ☐ Unary relationship
- ☒ Ternary relationship
- ☐ Binary relationship
- ☐ N-ary relationship



Click to Save Answer & Move to Next

Question # 2 of 30 (Start time: 08:04:44 PM, 28 December 2020)

Tot

A relationship that involves three entities called _____.

Select the correct option



Unary relationship



Ternary relationship



Binary relationship



N-ary relationship

Question # 3 of 30 (Start time: 08:06:11 PM, 28 December 2020)

Tot

In three level architecture of the database which level is responsible for storage of data on some storage media?

Select the correct option



External view



Conceptual view



Logical view



Internal/Physical view

Question # 4 of 30 (Start time: 08:07:56 PM, 28 December 2020)

In which phase of Database development process, specific Database management system (DBMS) is chosen?

Select the correct option



Logical Design



Conceptual Design



Physical Design



Development Phase



Click to Save Answer & Move to Next

Question # 5 of 30 (Start time: 09:18:23 PM, 28 December 2020)

Tot

Theta join is denoted mathematically as _____.

Select the correct option



R X S

R X θ R X θ SR X θ R S

Question # 6 of 30 (Start time: 09:19:24 PM, 28 December 2020)

Tot

Which of the following is NOT the type of key?

Select the correct option



Derived key



Super key



Candidate key



Primary key

Question # 7 of 30 (Start time: 09:20:13 PM, 28 December 2020)

Tot

Within a table, each primary key value ____.

Select the correct option



is a minimal superkey



is always the first field in each table



must be numeric



must be unique

Question # 8 of 30 (Start time: 09:20:44 PM, 28 December 2020)

Tot

For third normal form we concentrate on relations with one _____key, and we eliminate transitive dependencies

Select the correct option

☒	Candidate
☐	Composite
☐	Super key
☐	Primary key

Question # 9 of 30 (Start time: 09:21:07 PM, 28 December 2020)

Tot

_____ is the next stage of conceptual database design.

Select the correct option



Logical database design



Coding



Testing



Deployment

Question # 10 of 30 (Start time: 09:22:32 PM, 28 December 2020)

Tot

The maximum PL/SQL size of data type "VARCHAR2" in DBMS is _____ bytes.

Select the correct option



42767



52767



32767



28767

Question # 11 of 30 (Start time: 09:23:16 PM, 28 December 2020)

Tot

The _____ can see entire information structure of the database.

Select the correct option



DBA



DBTG



Database user



External viewer

Question # 12 of 30 (Start time: 09:23:40 PM, 28 December 2020)

Tot

Which of the following is the correct abbreviation of ERD?

Select the correct option



Entity relationship diagram



Entity relation diagram



Entity reality diagram



Entity real distance

Question # 13 of 30 (Start time: 09:23:56 PM, 28 December 2020)

Tot

Data inconsistency leads to a number of problems such as _____.

Select the correct option



loss of information and incorrect results



less secure data



Data isolation



Slow database development

Question # 13 of 30 (Start time: 09:23:56 PM, 28 December 2020)

Tot

Data inconsistency leads to a number of problems such as _____.

Select the correct option



loss of information and incorrect results



less secure data



Data isolation



Slow database development

Question # 14 of 30 (Start time: 09:24:49 PM, 28 December 2020)

Tot

When one entity instance needs instance of another entity for its existence, then it is called _____.

Select the correct option



Existence dependency



Identifier dependency



Referential dependency



Acceptance dependency

Question # 15 of 30 (Start time: 09:25:29 PM, 28 December 2020)

Tot

After moving the determined columns from the original table to the new table while converting to 2NF, the determinate becomes the _____ of the new table

Select the correct option



Primary key



Foreign key



Secondary key



Composite key

Question # 15 of 30 (Start time: 09:25:29 PM, 28 December 2020)

Tot

After moving the determined columns from the original table to the new table while converting to 2NF, the determinate becomes the _____ of the new table

Select the correct option

☒

Primary key

☐

Foreign key

☐

Secondary key

☐

Composite key

Question # 16 of 30 (Start time: 09:27:00 PM, 28 December 2020)

Tot

Which of the following is incorrect about attributes?

Select the correct option



One entity type may have two attributes with same name.



One entity type cannot have two attributes with same name.



Different entity types may have attributes with the same name.



Name and the domain, are part of an attribute.

Question # 17 of 30 (Start time: 09:27:40 PM, 28 December 2020)

Tot

Which of the following is the limitation of Data flow diagram?

Select the correct option



Focused on flow of information only



Simple, and hide complexities only



Have less constructs



Not rich in semantics

Question # 18 of 30 (Start time: 09:29:31 PM, 28 December 2020)

Tot

In cross reference matrix attributes are mentioned on _____ and reports are mentioned on _____.

Select the correct option



Y axis, X axis



Y axis, Z axis



X axis, Y axis



X axis, Z axis

Question # 19 of 30 (Start time: 09:31:01 PM, 28 December 2020)

Tot

Any combination of attributes with super key is _____.

Select the correct option



Primary Key



Foreign Key



Super Key



Candidate Key

Question # 20 of 30 (Start time: 09:31:37 PM, 28 December 2020)

Tot

The population of the data of the organization for which the database is created is called the _____ of the Database.

Select the correct option

☒

Extension

☐

Intention

☐

Model

☐

Schema

Question # 21 of 30 (Start time: 09:33:23 PM, 28 December 2020)

Tot

The database system deals with large amount of data, this property is called _____.

Select the correct option



Database design



Scalability



Concurrency



Robustness

Question # 22 of 30 (Start time: 09:33:52 PM, 28 December 2020)

Tot

_____are the structure defined for placing data in the attributes while designing physical design of database.

Select the correct option



Objects



Variables



Attributes



Data types

Question # 22 of 30 (Start time: 09:33:52 PM, 28 December 2020)

Tot

_____are the structure defined for placing data in the attributes while designing physical design of database.

Select the correct option



Objects



Variables



Attributes



Data types

Question # 23 of 30 (Start time: 09:34:59 PM, 28 December 2020)

Which of the following is a completeness constraint?

Select the correct option



Total generalization Constraint



Partial generalization Constraint



Partial completeness Constraint



Hybrid completeness Constraint



Click to Save Answer & Move to Next

Question # 23 of 30 (Start time: 09:34:59 PM, 28 December 2020)

Tot

Which of the following is a completeness constraint?

Select the correct option



Total generalization Constraint



Partial generalization Constraint



Partial completeness Constraint



Hybrid completeness Constraint

Question # 24 of 30 (Start time: 09:36:36 PM, 28 December 2020)

Tot

What do you mean by one to many relationship between "Teacher" and "Class" table?

Select the correct option



One Class may have many Teachers



One Teacher can have many Classes



Many Classes may have many Teachers



Many Teachers may have many Classes

Question # 24 of 30 (Start time: 09:36:36 PM, 28 December 2020)

Tot

What do you mean by one to many relationship between "Teacher" and "Class" table?

Select the correct option



One Class may have many Teachers



One Teacher can have many Classes



Many Classes may have many Teachers



Many Teachers may have many Classes

Question # 25 of 30 (Start time: 09:37:18 PM, 28 December 2020)

Tot

Suppose a relation has five columns and ten rows, select the correct option to identify cardinality of relation.

Select the correct option



Five



Ten



Fifteen



Twenty

Question # 26 of 30 (Start time: 09:38:45 PM, 28 December 2020)

Tot

Conceptual database design is implemented using a _____.

Select the correct option



Hierarchical Data Model



Semantic Data Model



Relational Data model



Network Data model

Question # 27 of 30 (Start time: 09:40:33 PM, 28 December 2020)

Tot

User rights information is stored in _____.

Select the correct option



Physical database



Catalog



Logical database



Buffer

Question # 28 of 30 (Start time: 09:42:02 PM, 28 December 2020)

Tot

DFD does not provide us a way to represent_____.

Select the correct option



Entities



Decisions



Data stores



Processes

Question # 29 of 30 (Start time: 09:42:38 PM, 28 December 2020)

Tot

Which of the following is not a part of the Database Application Development Process?

Select the correct option



Database Design



Application Programs



Validation



Implementation

Question # 30 of 30 (Start time: 09:42:50 PM, 28 December 2020)

Tot

Cross reference matrix is a tool available in the data dictionary, which helps us in finding _____.

▶ Select the correct option



Entities of the database and their associations



Relationship between different tables



Requirements for database



User of the database

Question # 30 of 30 (Start time: 09:42:50 PM, 28 December 2020)

Tot

Cross reference matrix is a tool available in the data dictionary, which helps us in finding _____.

Select the correct option



Entities of the database and their associations



Relationship between different tables



Requirements for database



User of the database