#1. What is a multivalued dependency in the context of database normalization?
A relationship between tables
A dependency between two attributes
A relation between databases
A correlation between records
— —
A hierarchy between data items
#2. Which normal form allows a relation to be in 3NF and removes transitive
dependencies?
Third Normal Form (3NF)
Second Normal Form (2NF)
Fourth Normal Form (4NF)
Fifth Normal Form (5NF)
Sixth Normal Form (6NF)
#3. What does the term "transitive dependency" mean in the context of
normalization?
A dependency between two attributes through another attribute

A direct dependency between two attributes
A dependency between two tables
A dependency between two databases
A decreased as such above as successful.
A dependency between records
#4. Which normal form allows a relation to be in 4NF and removes multivalued dependencies?
Fourth Normal Form (4NF)
Third Normal Form (3NF)
Second Normal Form (2NF)
Fifth Normal Form (5NF)
Civitle Name of Farms (CNF)
Sixth Normal Form (6NF)
#5. What is the primary objective of normalization in database design?
Minimizing redundancy and dependency
Maximizing data duplication
Improving query performance
Ensuring data consistency
Simplifying data retrieval

#6. Which normal form allows a relation to be in 5NF and eliminates join dependencies?
Sixth Normal Form (6NF)
Fifth Normal Form (5NF)
Fourth Normal Form (4NF)
Third Normal Form (3NF)
Second Normal Form (2NF)
#7. What is the primary goal of normalization in database design?
Minimizing redundancy and dependency
Maximizing data duplication
Simplifying query complexity
Maximizing data retrieval speed
Enhancing foreign key constraints
#8. Which normal form eliminates partial and transitive dependencies on a
composite primary key?
Fifth Normal Form (5NF)
Fourth Normal Form (4NF)

☐ Third Normal Form (3NF)
Second Normal Form (2NF)
First Normal Form (1NF)
#9. What does the term "superkey" refer to in the context of database normalization?
A set of attributes that uniquely identifies a tuple $\hfill\Box$
A primary key in a table
A foreign key in another table
A composite key in a relation
A candidate key in a table
#10. Which normal form allows a relation to be in 1NF and removes repeating groups?
First Normal Form (1NF)
Second Normal Form (2NF)
Third Normal Form (3NF)
Equation Name of Equation (4NE)
Fourth Normal Form (4NF)
Fifth Normal Form (5NF)

#11. What is a composite key in the context of database normalization?
A key made up of multiple attributes
A primary key with a single attribute
A foreign key with a single attribute
A unique key with a single attribute
A secondary key with a single attribute
#12. Which normal form allows a relation to be in 2NF and removes partial
dependencies?
Second Normal Form (2NF)
Third Normal Form (3NF)
Fourth Normal Form (4NF)
Fifth Normal Form (5NF)
Sixth Normal Form (6NF)
#13. What is the key difference between 4NF (Fourth Normal Form) and BCNF
(Boyce-Codd Normal Form)?
Handling multivalued dependencies
Handling transitive dependencies

Handling partial dependencies
Handling join dependencies
Handling functional dependencies
#14. What is a functional dependency in the context of database normalization?
A relationship between tables
A connection between databases
A correlation between records
A hierarchy between data items
A dependency between two attributes
#15. Which normal form allows a relation to be in 3NF and removes transitive
dependencies between non-prime attributes?
Boyce-Codd Normal Form (BCNF)
Second Normal Form (2NF)
Third Normal Form (3NF)
Fourth Normal Form (4NF)
Fifth Normal Form (5NF)

#16. What is a transitive dependency in the context of database normalization?
A dependency between two attributes through another attribute
A direct dependency between two attributes
A dependency between two tables
A dependency between two databases
A dependency between records
A dependency between records
#17. Which normal form allows a relation to be in 4NF and removes multivalued
dependencies?
Fourth Normal Form (4NF)
Third Normal Form (3NF)
Second Normal Form (2NF)
Fifth Normal Form (5NF)
CITE AL CONTO
Sixth Normal Form (6NF)
#18. What is the primary objective of normalization in database design?
Minimizing redundancy and dependency
Maximizing data duplication
Simplifying query complexity

Maximizing data retrieval speed
Enhancing foreign key constraints
#19. Which normal form eliminates the possibility of a transitive dependency between non-key attributes?
Fourth Normal Form (4NF)
Second Normal Form (2NF)
Third Normal Form (3NF)
Fifth Normal Form (5NF)
Circle Name of Fame (CNF)
Sixth Normal Form (6NF)
#20. In which normal form are non-prime attributes fully functionally dependent or
every candidate key of the relation?
Fourth Normal Form (4NF)
Second Normal Form (2NF)
Third Normal Form (3NF)
Lifth Normal Form (ENF)
Fifth Normal Form (5NF)
Sixth Normal Form (6NF)
Next

Results

