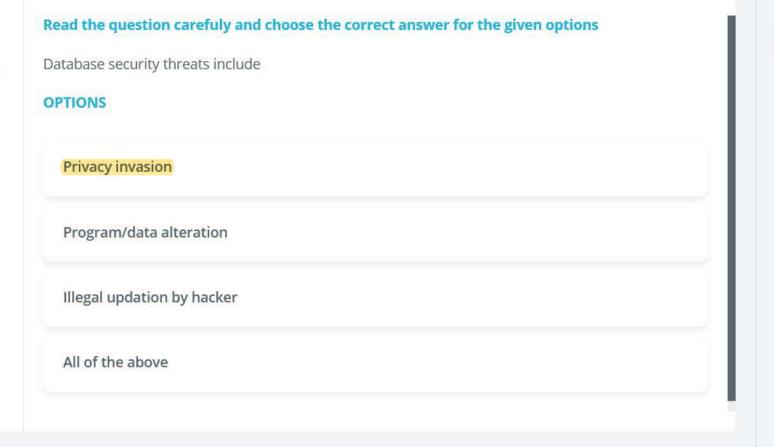
Database security refers to the collective measures used to protect and secure a database or database management software from illegitimate use and malicious cyber threats and attacks. Keeping the importance of database security in mind answer the following questions:

CUSTUDENTSZONE

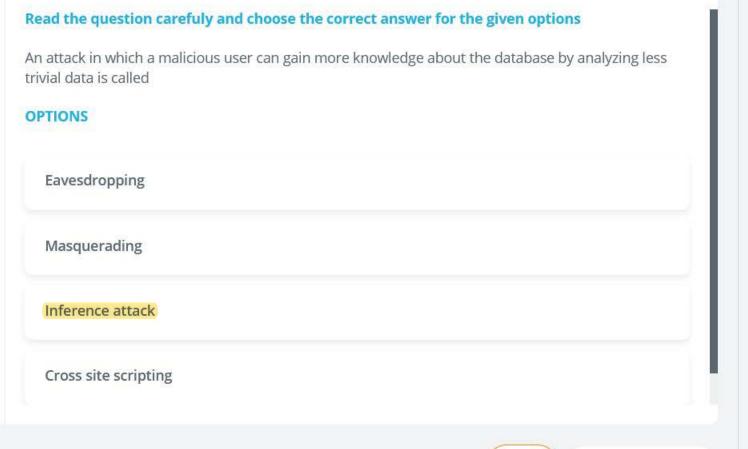
What is the meaning of cascading of revoke **OPTIONS** implies that SQL Server will automatically traverse a multilevel GRANT hierarchy and remove all permissions that were granted building on the root permission implies that SQL Server will automatically traverse a multilevel GRANT hierarchy and will not remove all permissions that were granted building on the root permission It will only remove the privileges of the root user None of these SUBMIT ANSWER

Database security refers to the collective measures used to protect and secure a database or database management software from illegitimate use and malicious cyber threats and attacks. Keeping the importance of database security in mind answer the following questions:



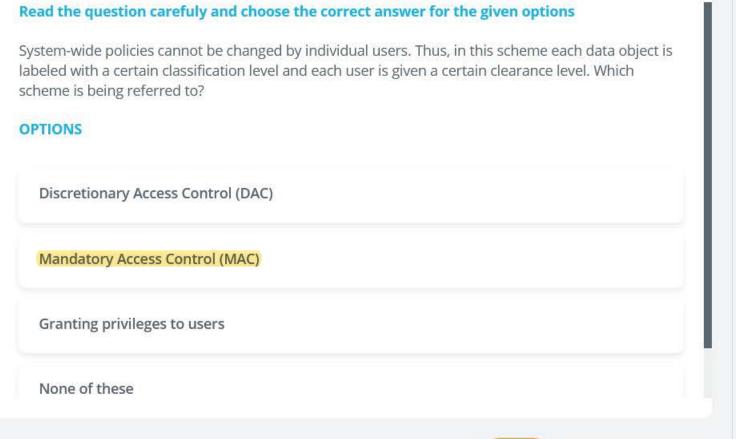


Database security refers to the collective measures used to protect and secure a database or database management software from illegitimate use and malicious cyber threats and attacks. Keeping the importance of database security in mind answer the following questions:

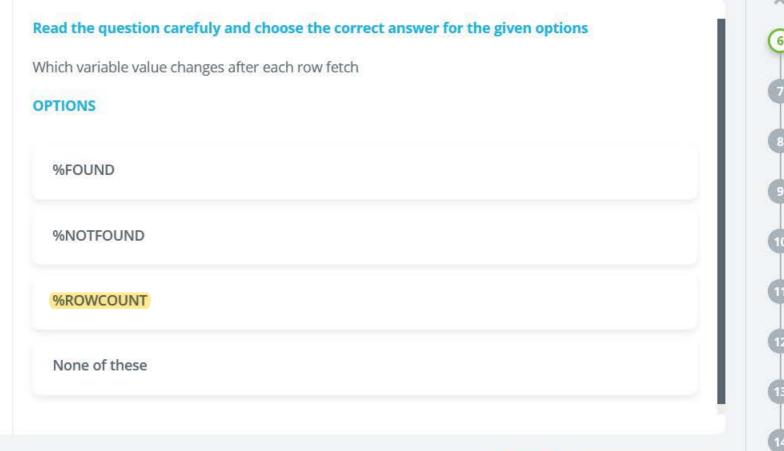


Read the question carefuly and choose the correct answer for the given options PASSAGE Bypassing security measures, an attacker can transfer sensitive documents unobserved. The cause of Database security refers to the collective measures used to protect and secure a database or database such a problem is management software from illegitimate use and malicious cyber threats and attacks. Keeping the importance of database security in mind answer the following questions: **OPTIONS** No implementation of RAID technology System failure Covert channel Encrypted tunnel

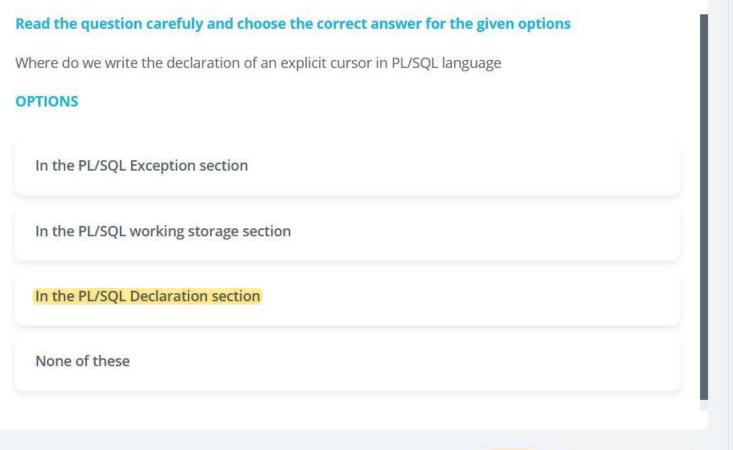
Database security refers to the collective measures used to protect and secure a database or database management software from illegitimate use and malicious cyber threats and attacks. Keeping the importance of database security in mind answer the following questions:

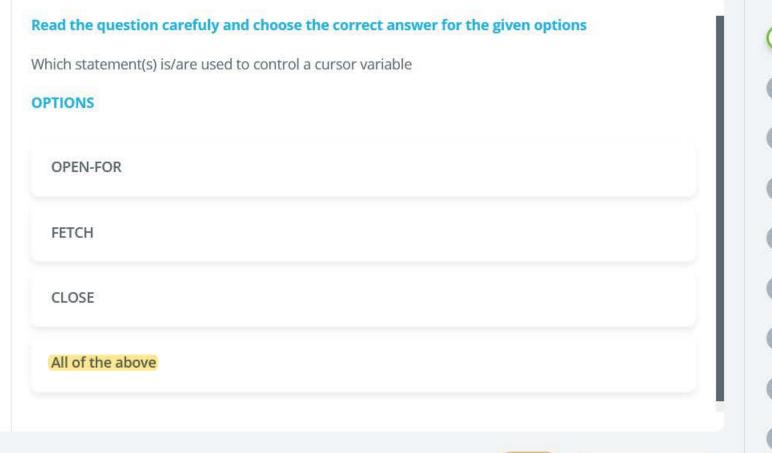


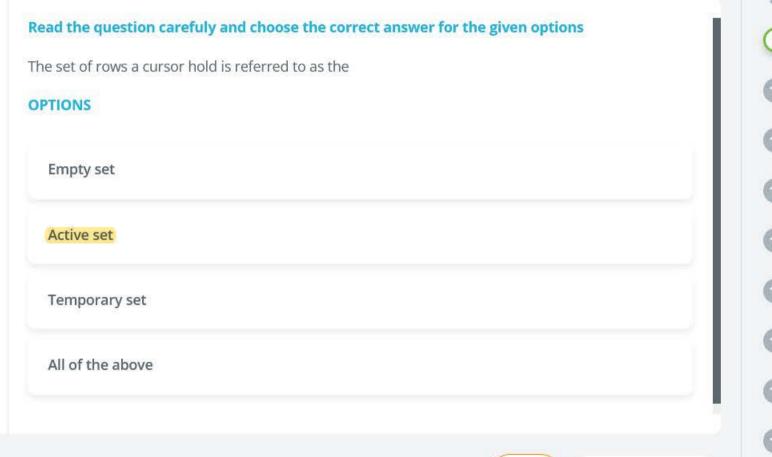


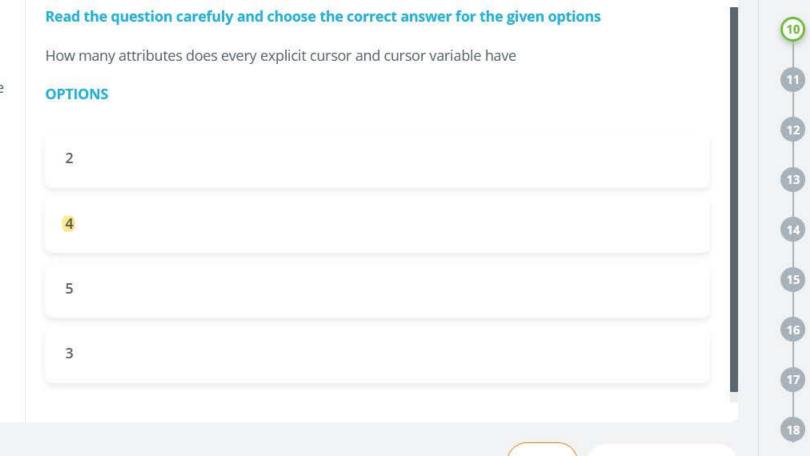








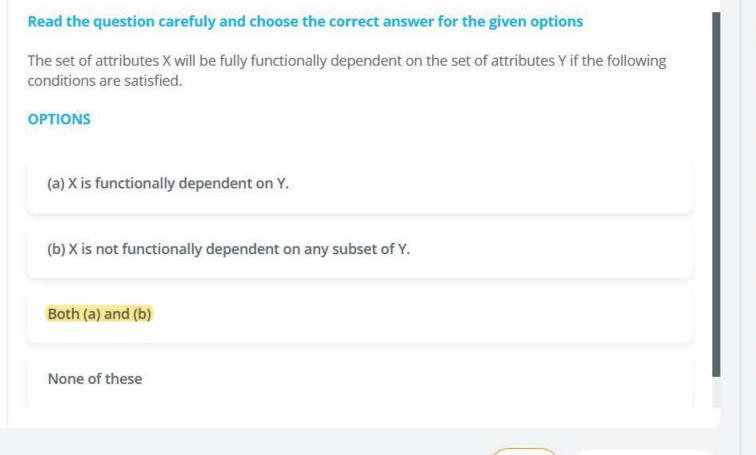




Functional dependency (FD) is a set of constraints between two attributes in a relation. ... Functional dependency is represented by an arrow sign (\rightarrow) that is, X \rightarrow Y, where X functionally determines Y. The left-hand side attributes determine the values of attributes on the right-hand side.

Read the question carefuly and choose the correct answer for the given options Consider the following database table: Create table test(one integer, two integer, primary key(one), unique(two), check(one >= 1 and <= 10), check(two >= 1 and <= 5)); How many data records/tuples atmost can this table containt? **OPTIONS** 10 15 50

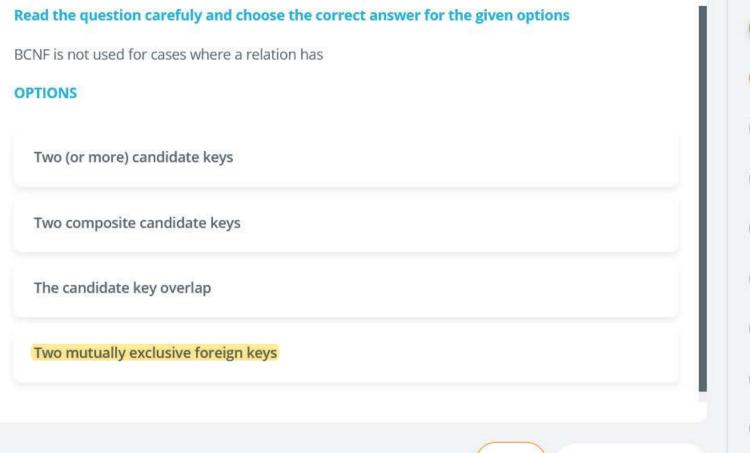
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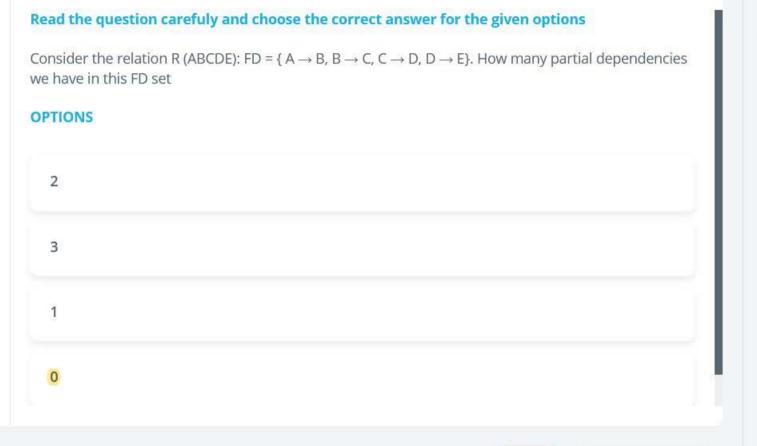
SUBMIT ANSWER

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SKIP

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Let R = ABCDE is a relational scheme with functional dependency set F = $\{A \rightarrow B, B \rightarrow C, AC \rightarrow D\}$. The attribute closures of A and E are

OPTIONS

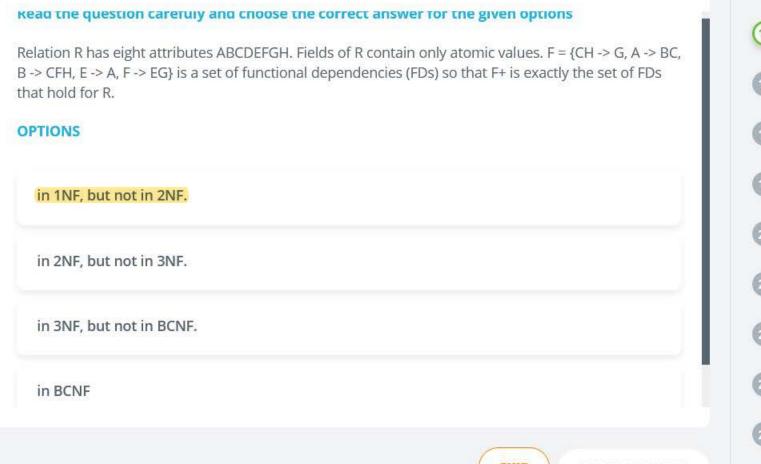
ABCD, φ

Φ, φ

ABC, E

ABCD, E

An attribute that has appeared in some candidate key is called a key attribute. Attributes that are not key attributes are called non-key attributes. ... If A is not a proper subset of some candidate key, and A is not a superkey, we say A \rightarrow b is a transitive dependency, and b is transitively dependent on the candidate keys.



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Consider a relational table with a single record for each registered student with the following attributes. 1. Registration_Num: Unique registration number of each registered student 2. UID: Unique identity number, unique at the national level for each citizen 3. BankAccount_Num: Unique account number at the bank. A student can have multiple accounts or join accounts. This attribute stores the primary account number. 4. Name: Name of the student 5. Hostel_Room: Room number of the hostel

OPTIONS

BankAccount_Num is candidate key

Registration_Num can be a primary key

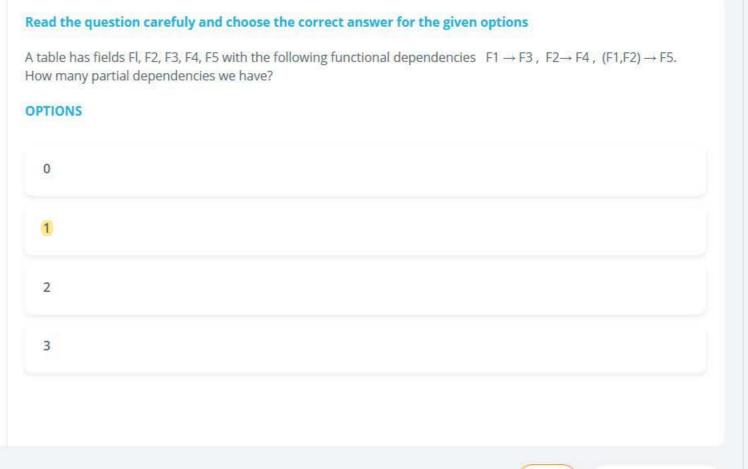
UID is candidate key if all students are from the same country

If S is a superkey such that S∩UID is NULL then S∪UID is also a superkey

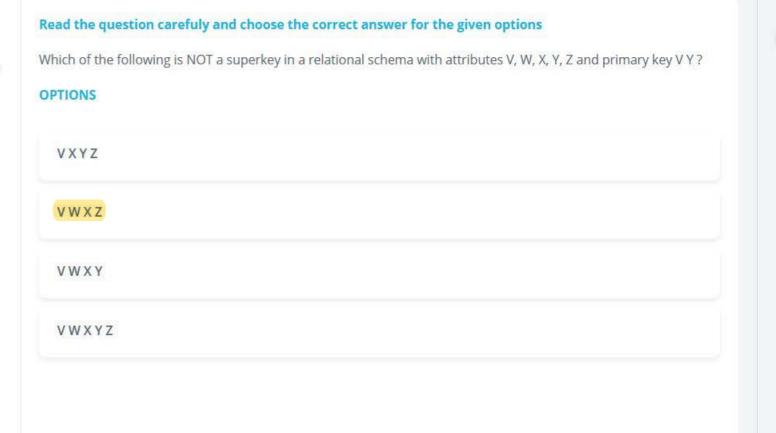
CHIR CHIRACT AND

Read the question carefuly and choose the correct answer for the given options PASSAGE The maximum number of superkeys for the relation schema R(E,F,G,H) with E as the key is An attribute that has appeared in some candidate key is called a key attribute. Attributes that are not key attributes are called non-key attributes. ... If A is not a proper subset of some candidate key, and A is not a superkey, we say **OPTIONS** A→b is a transitive dependency, and b is transitively dependent on the candidate keys.

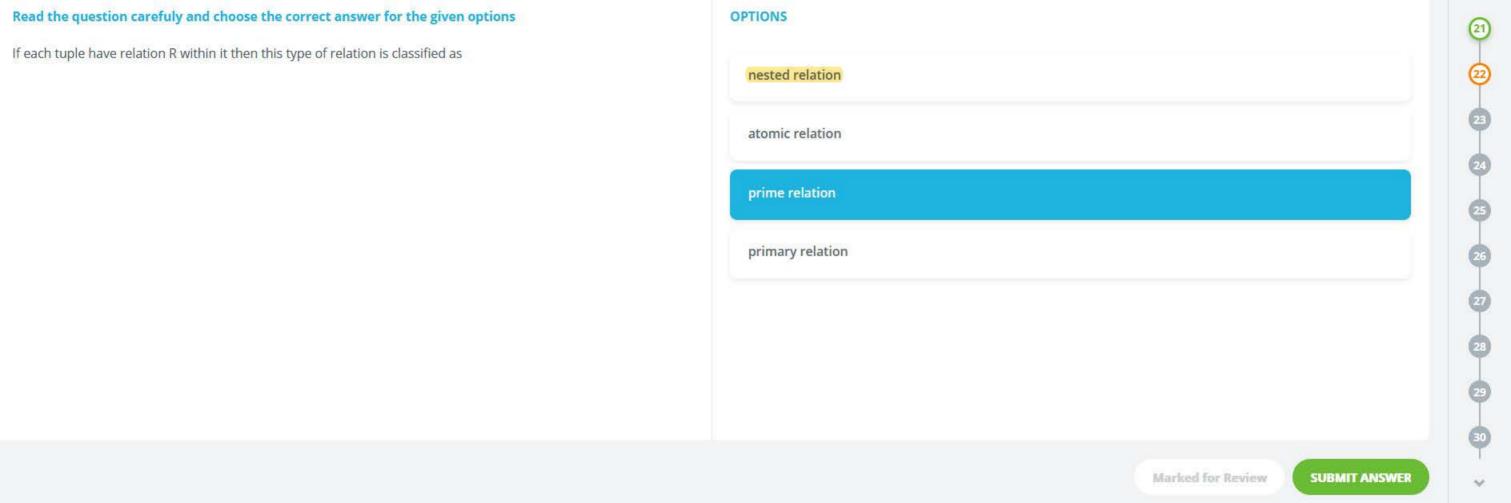
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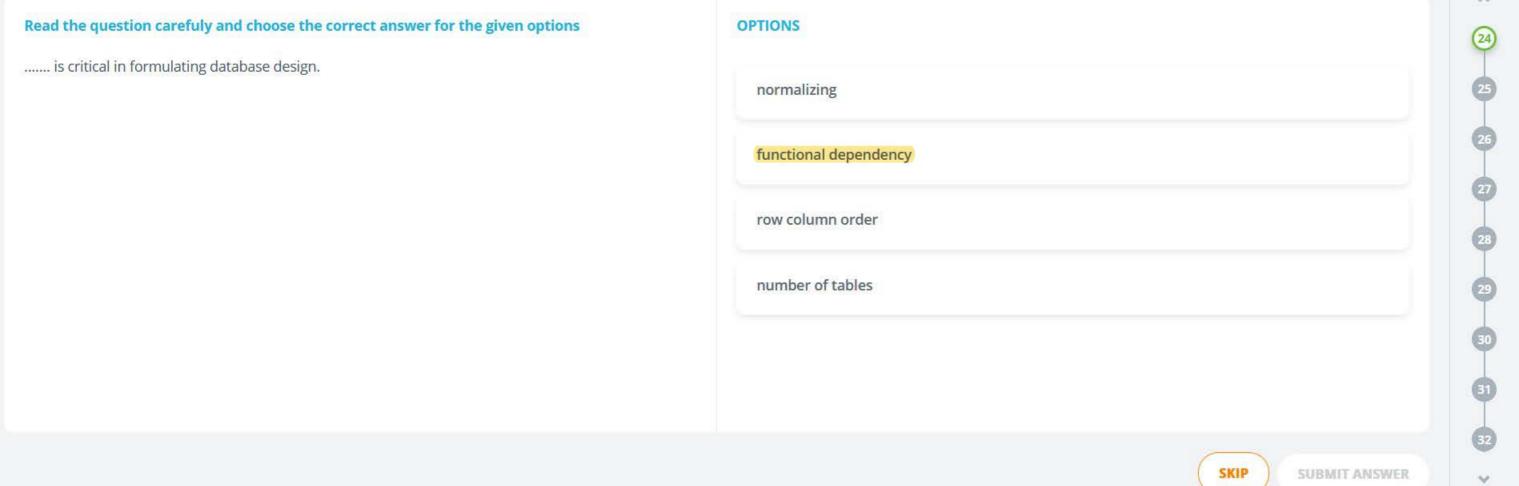


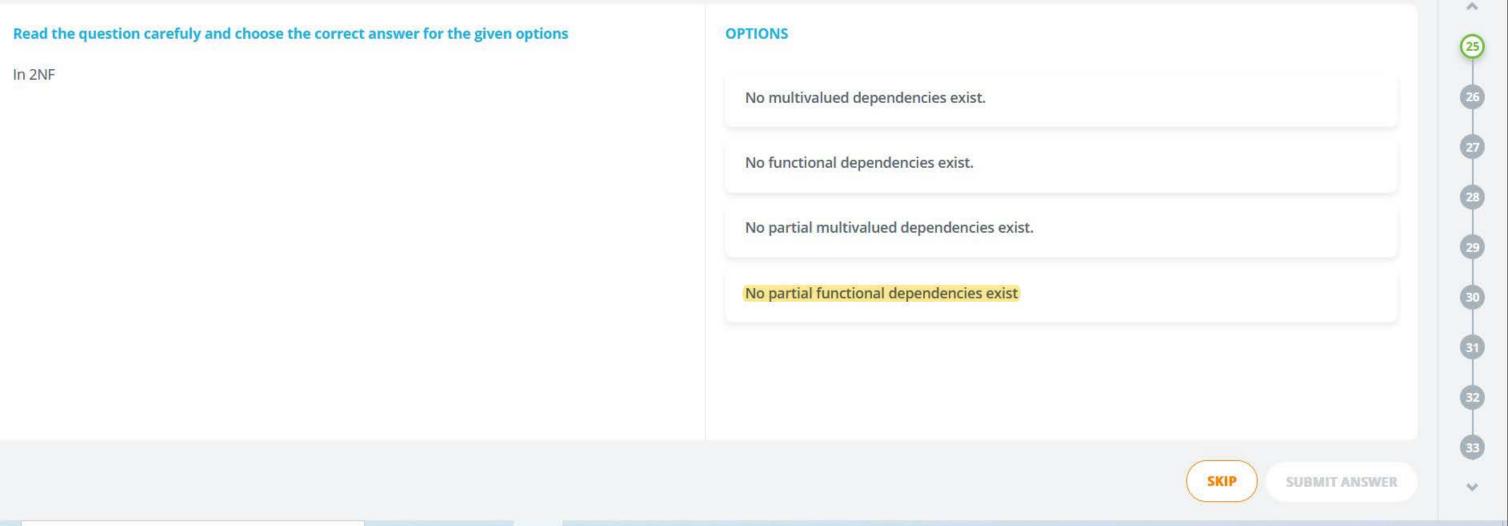




Read the question carefuly and choose the correct answer for the given options OPTIONS The rule which states that addition of same attributes to the right side and left side will results in other valid augmentation rule dependency is classified as inferential rule reflexive rule referential rule SKIP **SUBMIT ANSWER**

Read the question carefuly and choose the correct answer for the given options **OPTIONS** If there is more than one key for relation schema in DBMS then each key in relation schema is candidate key classified as prime key super key primary key SKIP SUBMIT ANSWER



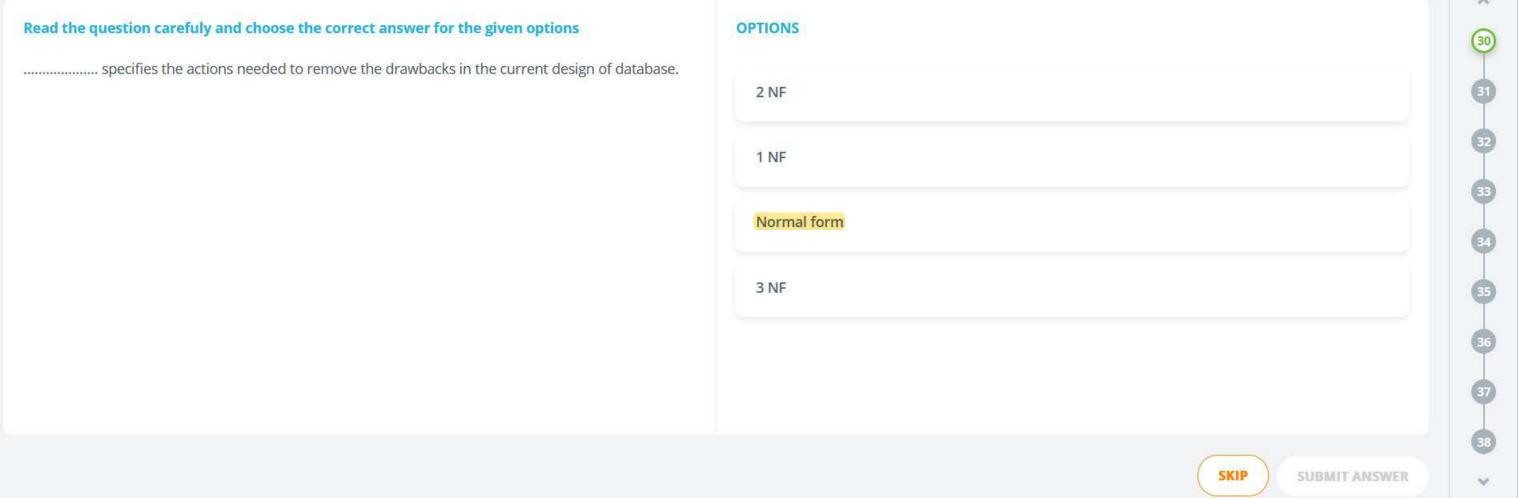


Read the question carefuly and choose the correct answer for the given options **OPTIONS** The normal form which consider all the types of constraints and dependencies is classified as domain-key normal form .candidate-key normal form primary-key normal form foreign-key normal form SKIP SUBMIT ANSWER

OPTIONS Read the question carefuly and choose the correct answer for the given options Which normal form is considered adequate for normal relational database design? 3NF 2NF 5NF 4NF SKIP SUBMIT ANSWER

Read the question carefuly and choose the correct answer for the given options **OPTIONS** A relation is in if an attribute of a composite key is dependent on an attribute of other 2 NF composite key. 1 NF BCNF 3 NF SKIP SUBMIT ANSWER

OPTIONS Read the question carefuly and choose the correct answer for the given optionsclause is an additional filter that is applied to the result. Group-by Select Order By Having SKIP SUBMIT ANSWER



Read the question carefuly and choose the correct answer for the given options **OPTIONS** Fifth Normal form is concerned with Multivalued dependency Domain key Join dependency Functional dependency

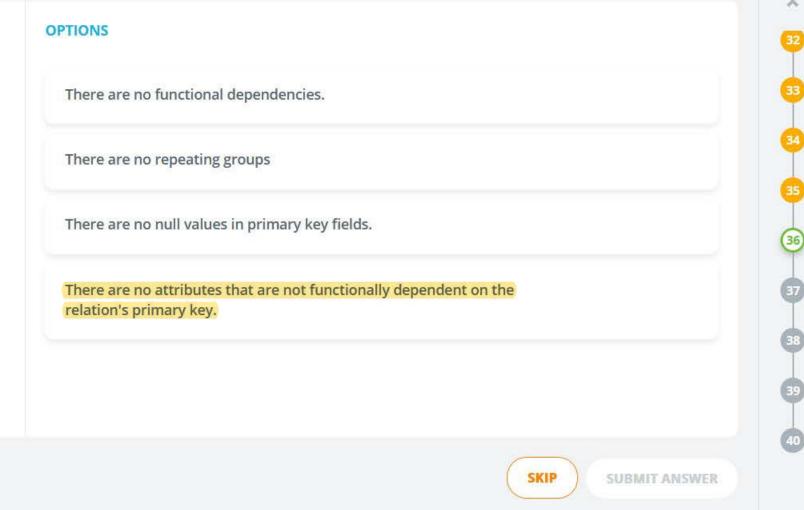
OPTIONS Read the question carefuly and choose the correct answer for the given options The procedure of storing higher normal form relations which are in lower normal form as a base relation is classified as denomination of data de-normalization of data normalization of data isolation of data

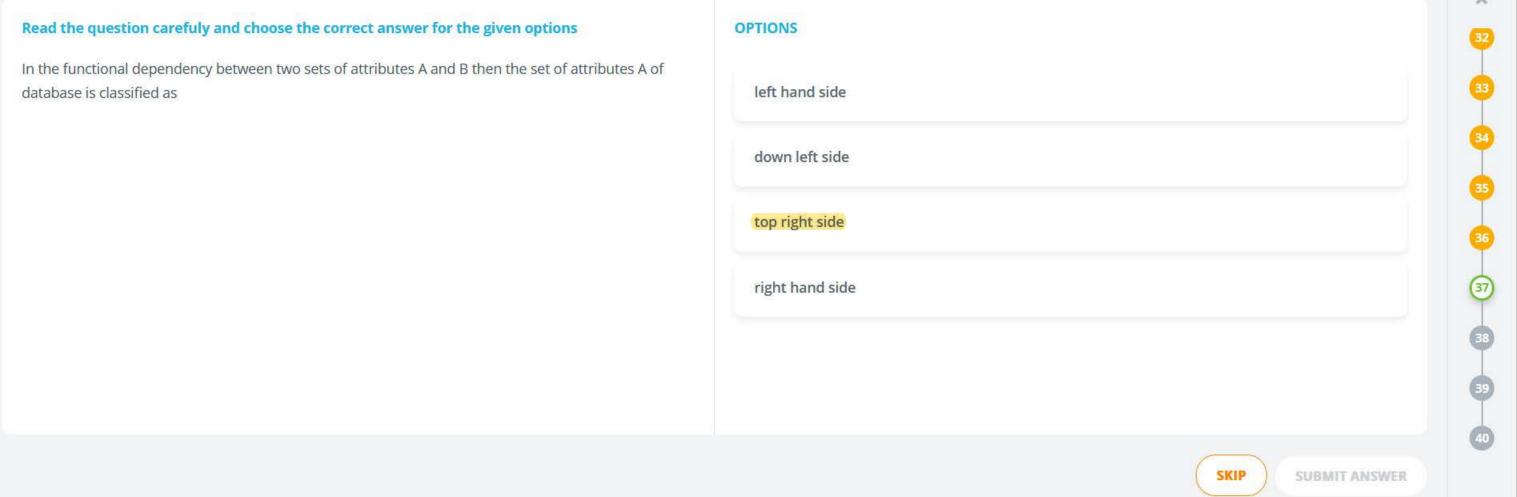
Read the question carefuly and choose the correct answer for the given options **OPTIONS** The normalization form which is based on the transitive dependency is classified as fourth normal form first normal form third normal form second normal form

Read the question carefuly and choose the correct answer for the given options OPTIONS If the attribute of relation schema R is member of some candidate key then this type of attributes are candidate attribute classified as atomic attribute prime attribute nonprime attribute SUBMIT ANSWER

Read the question carefuly and choose the correct answer for the given options **OPTIONS** The form of dependency in which the set of attributes that are neither a subset of any of the keys nor transitive dependency the candidate key is classified as prime functional dependency full functional dependency partial dependency SUBMIT ANSWER

Read the question carefuly and choose the correct answer for the given options A table is in 2NF if the table is in 1NF and what other condition is met?





Read the question carefuly and choose the correct answer for the given options OPTIONS 1.is preferred method for enforcing data integrity Stored Procedure Constraints Cursors Triggers SUBMIT ANSWER

Read the question carefuly and choose the correct answer for the given options **OPTIONS** Which forms has a relation that possesses data about an individual entity: 2NF 4NF 5NF 3NF

