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IT170 Database Design  
Final**

**Chapter #6 - Queries**

1. Select statement retrieves from only one table or database (True/False)?
2. Where clause will not limit selected rows (True/False)?
3. Boolean Operators are = and ! = (True/False)?
4. Queries Involving NULL Values are the same as other values in the database (True/False)?
5. Like Operator and wildcard characters for patterns are % and – (dash) (True/False)?
6. Select statements nested within case clauses are Subqueries (True/False)?)
7. Group by clause defines one or more columns (True/False)?
8. Aggregate Functions include (identify two):
   1. Inconvenient
   2. Statistical
   3. System Defined
   4. Analytical
9. Order by clause defines the particular order of rows in the result of a query (True/False)?
10. Temporary local table values are saved for use in later sessions (True/False)?

**Chapter #7 – Modification of a Table’s Contents**

1. There is only one type of Insert statement (True/False)?
2. The update statement updates values of columns (True/False)?
3. There is only one type of Delete statement (True/False)?
4. Truncate statement executes slower than the Delete statement (True/False)?
5. Merge statement combines Insert, Update, and Merge statement (True/False)?

**Chapter #8 Stored Procedures and User-Defined Functions**

1. Block of Statements starts with Start and terminates with Stop (True/False)?
2. If statement doesn’t execute branch statements (True/False)?
3. While Statement executes only once (True/False)?
4. Local variable are declared using the prefix @@ (True/False)?
5. Stored Procedures are stored on the client side to improve performance and consistency of repetitive tasks(True/False)?

**Chapter #9 System Catalog**

1. System catalog includes (identify two):
   1. Databases
   2. Base Views
   3. Schemas
   4. Indices
2. General interfaces includes (identify two):
   1. Catalog Views
   2. DVM and DFMs
   3. Information Schema
3. Dynamic Management Views and Functions return server state information (True/False)?
4. Information Schema consists of read-write views that provide information about all tables, views, and columns of Database Engine (True/False)?
5. Proprietary Interfaces includes (identify two):
   1. System stored procedures
   2. Schema functions
   3. Property functions

**Chapter #10 Indices**

1. Index (provide fast access to relational data in way analogous to book index), index pages (stored in data structures), and index entries (each indexed row) (True/False)? **IGNORE**
2. Clustered determine the physical order of the data in the table using B+tree structure, page chain, and leaf pages (True/False)?
3. Nonclustered change the physical order of rows and leaf pages consist of an index key plus use B+tree structure? (True/False)
4. Components for altering indices support (identify three)
   1. REORGANIZE
   2. DELETE
   3. DISABLE
   4. INSERT
   5. REBUILD
5. Removing and Renaming NDEX removes only one existing indices, can be a very quick resource enabled using the Enable option (True/False)?

**Chapter #12 Security System of Database Engine**

1. SQL security method is used connect to Windows user accounts (True/False)?
2. Schemas security model are used to simply the relationship between Windows users and database (True/False)?
3. Database user account is mapped from the existing Windows users account, Windows group, logins, or roles (True/False)?
4. Roles specifies a group of database users that can access the same object of the database, i.e., windows groups and user accounts, SQL Server logins, etc. (True/False)?

**DOUBLED ANSWERS - IGNORE**

1. Transact-SQL supports authorization for (select two):
   1. Grant
   2. Remove
   3. Remove