

QuestionText	QuestionType	Choice1	Choice2	Choice3
Please read the question carefully and choose the most appropriate option. Which of the given options are TRUE regarding 'Constraints'?	MCQ	A PRIMARY KEY constraint does not automatically have a UNIQUE constraint defined on it.	The UNIQUE constraint uniquely identifies each record in a database table.	None of the listed options
Please read the question carefully and choose the most appropriate option. The main reason that constraints are added to a table is:	MCQ	None of the listed options	Constraints gives programmers job security	Constraints ensure data integrity
Please read the question carefully and choose the most appropriate option. Which of the given options are TRUE regarding 'Constraints'?	MCQ	None of the listed options	The NOT NULL constraint enforces a column to NOT accept NULL values.	All listed options
Please read the question carefully and choose the most appropriate option. Statement 1: If you want to select rows that satisfy at least one of the given conditions, you can use the logical operator, AND.	MCQ	Only statement 2	Both statement 1 and statement 2	None of the listed options
Statement 2: <> Checks if the value of two operands are equal or not, if values are not equal then condition becomes true.				
Which of the above statements are TRUE?	MCQ	true	false	
Please read the question carefully and choose the most appropriate option. A column defined as NOT NULL can have a DEFAULT value of NULL. True or False?	MCQ			
Please read the question carefully and choose the most appropriate option. You can have many UNIQUE constraints per table, but only one PRIMARY KEY constraint per table. State whether the above statement is TRUE or FALSE.	MCQ	true The primary key is a column or combination of columns whose values uniquely identify each row in the table.	false  The primary key column is a column or combination of columns whose values can be non-unique.	The primary key is a column that can have NULL values.
Please read the question carefully and choose the most appropriate option. What is a primary key?	MCQ			
Please read the question carefully and choose the most appropriate option. A table must have at least one not null constraint and one unique constraint. True or False?	MCQ	true	false	

Please read the question carefully and choose the most appropriate option. Statement 1: Operators are used to specify conditions in an SQL statement and to serve as conjunctions for multiple conditions in a statement.

Statement 2: Arithmetic operators manipulate numeric operands.

Which of the above statements are TRUE? MCQ

Both statement 1 and statement 2

None of the listed options

Only statement 1

Please read the question carefully and choose the most appropriate option. Statement 1: 'UNION' returns all distinct rows selected by either query.

Statement 2: 'INTERSECT' returns all distinct rows selected by both queries.

Which of the above statements is TRUE? MCQ

Only statement 2

Both statement 1 and statement 2

None of the listed options

Please read the question carefully and choose the most appropriate option. To automatically delete rows in a child table when a parent record is deleted use: MCQ

ON DELETE CASCADE

ON DELETE SET NULL

ON DELETE ORPHAN

Please read the question carefully and choose the most appropriate option. Statement 1: Each table can have only ONE primary key per table

Statement 2: A primary key column can contain NULL values

Which of the above statements are TRUE? MCQ

Both statement 1 and statement 2

Only statement 1

Only statement 2

Please read the question carefully and choose the most appropriate option. Statement 1: A FOREIGN KEY in one table points to a PRIMARY KEY in another table.

Statement 2: If you define a CHECK constraint on a single column it allows only certain values for this column.

Which of the given options are TRUE? MCQ

Both statement 1 and statement 2

None of the listed options

Only statement 1

Please read the question carefully and choose the most appropriate option. Which operator returns all distinct rows selected by the first query but not the second? MCQ

MINUS

UNION

INTERSECT

Please read the question carefully and choose the most appropriate option. A table can have more than one UNIQUE key constraint. True or False? MCQ

false

true

Please read the question carefully and choose the most appropriate option. Primary Key does allow the Null Values. where as in Unique key doesn't accept the Null values. State whether the statement is true or false MCQ

true

false

Please read the question carefully and choose the most appropriate option. Statement 1: 'AND' Returns TRUE if both component conditions are TRUE. Returns FALSE if either is FALSE; otherwise returns UNKNOWN.				
Statement 2: 'EXISTS' returns FALSE if a sub-query returns at least one row.				
Which of the above statements are TRUE?	MCQ	None of the listed options	Only statement 1	Both statement 1 and statement 2
Please read the question carefully and choose the most appropriate option. Which clause should you use to exclude group results?		WHERE	RESTRICT	GROUP BY
Please read the question carefully and choose the most appropriate option. ON UPDATE CASCADE ensures which of the following?		None	Materialized View	Normalization
Please read the question carefully and choose the most appropriate option. The SQL DROP TABLE clause is used to...		create a new table in the database	modify an existing table in a database	delete a table from the database
Please read the question carefully and choose the most appropriate option. Which one will delete the table data as well as table structure?		DISTINCT	TRUNCATE	REMOVE
Please read the question carefully and choose the most appropriate option. To remove duplicate rows from the result set of a SELECT use the following keyword:		NO DUPLICATE	DISTINCT	None of the listed options
Please read the question carefully and choose the most appropriate option. Which of the given options are TRUE about 'varchar' datatype?		All listed options	Holds a variable length string (can contain letters, numbers, and special characters).	None of the listed options
Please read the question carefully and choose the most appropriate option. Which of the following SQL statements is correct?		SELECT CustomerName, COUNT(CustomerName) FROM Orders ORDER BY CustomerName	SELECT CustomerName, COUNT(CustomerName) FROM Orders GROUP BY CustomerName	SELECT CustomerName, COUNT(CustomerName) FROM Orders
Please read the question carefully and choose the most appropriate option. Which of the following is not a valid aggregate function?		COUNT	COMPUTE	MAX
Please read the question carefully and choose the most appropriate option. Can you use combination of GROUP BY clause,HAVING clause and WHERE clause SQL clauses in one SQL statement?		true	false	

<p>Please read the question carefully and choose the most appropriate option. Examine the structure of the EMPLOYEES table:</p> <p>EMPLOYEE_ID NUMBER Primary Key</p> <p>FIRST_NAME VARCHAR2(25)</p> <p>LAST_NAME VARCHAR2(25)</p> <p>HIRE_DATE DATE</p> <p>Which UPDATE statement is valid?</p>	MCQ	UPDATE	UPDATE	UPDATE
		employees	employees	employees
		SET	SET	SET
		first_name = 'John' AND	first_name = 'John' SET	first_name = 'John', SET
		last_name = 'Smith'	last_name = 'Smith'	last_name = 'Smith'
<p>Please read the question carefully and choose the most appropriate option. The CUSTOMERS table has these columns:</p> <p>CUSTOMER_ID NUMBER(4) NOT NULL</p> <p>CUSTOMER_NAME VARCHAR2(100) NOT NULL</p> <p>STREET_ADDRESS VARCHAR2(150)</p> <p>CITY_ADDRESS VARCHAR2(50)</p> <p>STATE_ADDRESS VARCHAR2(50)</p> <p>PROVINCE_ADDRESS VARCHAR2(50)</p> <p>COUNTRY_ADDRESS VARCHAR2(50)</p> <p>POSTAL_CODE VARCHAR2(12)</p> <p>CUSTOMER_PHONE VARCHAR2(20)</p> <p>A sale is being advertised to the customers in France. Which WHERE clause identifies customers that are located in France?</p>	MCQ	WHERE	WHERE	WHERE
		employee_id = 180;	employee_id = 180;	employee_id = 180;
<p>Please read the question carefully and choose the most appropriate option. What SQL clause is used to restrict the rows returned by a query?</p>	MCQ		lower(country_address) = "france"	lower(country_address) IS 'france'
		None		
<p>Please read the question carefully and choose the most appropriate option. Which SQL statement is used to insert a new data in a database?</p>	MCQ			
		INSERT NEW	ADD	UPDATE
<p>Please read the question carefully and choose the most appropriate option. What does the ALTER TABLE clause do?</p>	MCQ			
<p>Please read the question carefully and choose the most appropriate option. What is the standard way to separate each SQL statement in database systems that allow more than one SQL statement to be executed in the same call to the server.</p>	MCQ			
<p>Please read the question carefully and choose the most appropriate option. Which of the given options are TRUE about TCL?</p>	MCQ			

Please read the question carefully and choose the most appropriate option. The result of a SELECT statement can contain duplicate rows.	MCQ	true	false	
Please read the question carefully and choose the most appropriate option. Statement1: Data types specify what the type of data can be for that particular column				
Statement 2: Varchar is a datatype in SQL				Both statement 1 and statement 2
Which of the above statements is TRUE?	MCQ	Only statement 1	Only statement 2	
			The AS SQL clause is used to change the name of a column in the result set or to assign a name to a derived column.	
Please read the question carefully and choose the most appropriate option. What is the purpose of the SQL AS clause?	MCQ	The AS clause is used with the JOIN clause only.		The AS clause defines a search condition limits the column data that are returned.
Please read the question carefully and choose the most appropriate option.			limits the rows & columns returned	
The SQL WHERE clause:	MCQ	NONE		
Please read the question carefully and choose the most appropriate option.				
In a LIKE clause, you could ask for any value ending in "qpt" by writing	MCQ	LIKE %qpt	LIKE *qpt Specifies links between tables, and imposes constraints between tables	LIKE ^. *qpt\$
Please read the question carefully and choose the most appropriate option. DDL part of SQL does which of the following?	MCQ	Defines indexes (keys)		All listed options
		You can use aggregate functions only in the column list of the SELECT clause and in the WHERE clause of a SELECT statement.	You can pass column names, expressions, constants, or functions as parameters to an aggregate function.	You can mix single row columns with aggregate functions in the column list of a SELECT statement by grouping on the single row columns.
Please read the question carefully and choose the most appropriate option.				
Which two are true about aggregate functions?(Choose two)	MCA			
Please read the question carefully and choose the most appropriate option. A SELECT command without a WHERE clause returns?	MCQ	SELECT is invalid without a WHERE clause	Nothing	All the records from a table, or information about all the records
Please read the question carefully and choose the most appropriate option. Statement 1: GRANT, DENY and REVOKE are DCL commands				
Statement 2: CREATE, ALTER, DROP, TRUNCATE are DDL commands	MCQ	None of the listed options	Only statement 1	Both statement 1 and statement 2

Please read the question carefully and choose the most appropriate option. In a LIKE clause, you can ask for any 6 letter value by writing?	MCQ	LIKE ..... (that's six dots)	LIKE ??????	LIKE .{6} Answer 5: LIKE ^.{6}\$
Please read the question carefully and choose the most appropriate option. Which of the following commands should be used to create a database named 'student' ?	MCQ	DATABSE student	CREATE ?I student	DATABASE /student
Please read the question carefully and choose the most appropriate option. Which of the following can add a row to a table?	MCQ	Add	Insert	Update
Please read the question carefully and choose the most appropriate option. Which statement is used to query the database and retrieve selected data that match the criteria that you specify?	MCQ	UPDATE	RETRIEVE	SELECT
Please read the question carefully and choose the most appropriate option. Statement 1: The DELETE statement is used to delete columns in a table.				
Statement 2: The UPDATE statement is used to update existing records in a table.				
Which of the above statements are TRUE?	MCQ	Only statement 2	Both statement 1 and statement 2	None of the listed options
Please read the question carefully and choose the most appropriate option. ANSI is the official U.S. representative to the International Organization for Standardization (ISO). State whether the above statement is true or false	MCQ	false	true	
Please read the question carefully and choose the most appropriate option. Statement 1: DCL contains the commands which protect data from unauthorized access.				
Statement 2: DCL consists of 2 commands: COMMIT and ROLLBACK				
Which of the above statements are TRUE?	MCQ	Only statement 1	None of the listed options	Both statement 1 and statement 2
Please read the question carefully and choose the most appropriate option. Which two statements are true regarding the ORDER BY clause? (Choose two)	MCA	The sort is in ascending order by default. All the listed operation can be done by SQL.	The ORDER BY clause comes last in the SELECT statement. query database data only.	The ORDER BY clause is executed on the client side create database structures only.
Please read the question carefully and choose the most appropriate option. SQL can be used to:	MCQ			
Please read the question carefully and choose the most appropriate option. Which of the given options return rows when there is at least one match in both tables?	MCQ	GROUP BY	WHERE	JOIN
Please read the question carefully and choose the most appropriate option. Which type of join combines the results of both left and right outer joins?	MCQ	Cross Join	Full Outer Join	Inner join
Please read the question carefully and choose the most appropriate option. Which syntax would be used to retrieve all rows in both the EMPLOYEES and DEPARTMENTS tables, even when there is no match?	MCQ	Self join	Natural join	Outer join

<p>Please read the question carefully and choose the most appropriate option. The INNER JOIN clause...</p>	MCQ	<p>returns only the rows from the first table, which have non-matching values with the second table in the field on which the 2 tables are joined.</p>	<p>returns all rows from 2 tables</p>	<p>returns all rows that have matching value in the field on which the 2 tables are joined.</p>
<p>Please read the question carefully and choose the most appropriate option. What is true about joining tables through an equijoin?</p>	MCQ	<p>You can join n tables (all having single column primary keys) in a SQL statement by specifying a minimum of n-1 join conditions.</p>	<p>You can join a maximum of two columns through an equijoin.</p>	<p>All listed options</p>
<p>Please read the question carefully and choose the most appropriate option. Statement 1: In case of Natural Joins, common columns are columns that have the same number of rows in both tables.</p> <p>Statement 2: JOIN ON syntax is much more readable and maintainable than the natural join syntax.</p>			<p>Both statement 1 and statement 2</p>	
<p>Which of the above statements are TRUE?</p>	MCQ	<p>Only statement 1</p>	<p>Only statement 2</p>	<p>Only statement 2</p>
<p>Please read the question carefully and choose the most appropriate option. In the relational model, relationships between relations or tables are created by using:</p>	MCQ	<p>foreign keys.</p>	<p>composite keys.</p>	<p>determinants.</p>
<p>Please read the question carefully and choose the most appropriate option. Statement 1: CROSS JOIN returns the Cartesian product of the sets of rows from the joined tables.</p> <p>Statement 2: You can have multiple conditions for the ON clause just like you can in a WHERE clause.</p>				
<p>Which of the above statements is TRUE?</p>	MCQ	<p>Only statement 2</p>	<p>Only statement 1</p>	<p>None of the listed options</p>
<p>Please read the question carefully and choose the most appropriate option. Statement 1: The FULL OUTER JOIN will return all rows, as long as there's matching data in one of the tables.</p> <p>Statement 2: FULL OUTER JOIN includes all the rows from both the participating tables and does not select either the LEFT or RIGHT table from the JOIN key word.</p>				
<p>Which of the above statements are TRUE?</p>	MCQ	<p>Only statement 1</p>	<p>Both statement 1 and statement 2</p>	<p>None of the listed options</p>

Please read the question carefully and choose the most appropriate option. If table A have 10 rows and table B have 5 rows, how many rows will be returned if you perform a cartesian join on those two tables?	MCQ	5	15	10
Please read the question carefully and choose the most appropriate option. A table may be joined to itself.	MCQ	false	true	
Please read the question carefully and choose the most appropriate option. Which of the given options return all rows from the left table, even if there are no matches in the right table?	MCQ	RIGHT JOIN	JOIN	CROSS JOIN
Please read the question carefully and choose the most appropriate option. A Self Join is a type of sql join which is used to join a table to itself, particularly when the table has a FOREIGN KEY that references its own PRIMARY KEY.				
State whether the above statement is TRUE or FALSE.	MCQ	false	true	
Please read the question carefully and choose the most appropriate option. The _____ join is the ANSI-standard syntax used to generate a Cartesian product.	MCQ	ALL	FULL	CROSS
Please read the question carefully and choose the most appropriate option. Which type of join does not require each record in the two joined tables to have a matching record?	MCQ	Outer Join	Equi Join	Inner join
Please read the question carefully and choose the most appropriate option. We refer to a join as a self-join when?	MCQ	we are using left and right join together	we are joining more than 2 tables	we are joining table to itself
Please read the question carefully and choose the most appropriate option. SQL joins are used to query data from two or more tables, based on _____.	MCQ	None of the listed options	a relationship between certain columns in tables	a relationship between certain rows in tables.
Please read the question carefully and choose the most appropriate option. GROUP BY clause is used in collaboration with the SELECT statement to arrange identical data into groups.				
State whether the above statement is TRUE or FALSE.	MCQ	true	false	
Please read the question carefully and choose the most appropriate option. Statement 1: SQL aggregate functions return a single value, calculated from values in a column.				
Statement 2: AVG() returns the average value			Both statement 1 and statement 2	Only statement 2
Which of the above statements is TRUE?	MCQ	None of the listed options		



Please read the question carefully and choose the most appropriate option.		The percent sign represents zero, one, or multiple characters, when used with LIKE clause.		Both the statements given	The underscore represents a single number or character.
Which of the given options is TRUE about LIKE clause?	MCQ				
Please read the question carefully and choose the most appropriate option. LIKE clause is used to compare a value to similar values using logical operators. State whether the above statement is TRUE or FALSE.		false		true	
MCQ					
Please read the question carefully and choose the most appropriate option. The GROUP BY clause follows the WHERE clause in a SELECT statement and precedes the ORDER BY clause.					
State whether the above statement is TRUE or FALSE.		true		false	
MCQ					
Please read the question carefully and choose the most appropriate option. The ROUND() function is used to round a numeric field to the nearest hundred.					
State whether the above statement is TRUE or FALSE.		false		true	
MCQ					
Please read the question carefully and choose the most appropriate option. The HAVING clause places conditions on the selected columns, whereas the WHERE clause places conditions on groups created by the GROUP BY clause.					
State whether the above statement is TRUE or FALSE.		false		true	
MCQ					
Please read the question carefully and choose the most appropriate option. Which of the given options is TRUE?		SUM function allows selecting the total for a numeric column.		None of the listed options	COUNT function is used to count the number of columns in a database table.
MCQ					
Please read the question carefully and choose the most appropriate option. Statement 1: Numeric functions accept numeric input and return string values.					
Statement 2: Single-row functions return a single result row for every row of a queried table or view.					
Which of the above statements are TRUE?		Only statement 1	None of the listed options	Only statement 2	
MCQ					
Please read the question carefully and choose the most appropriate option. The percent sign and the underscore cannot be used in combinations, when using LIKE clause.					
State whether the above statement is TRUE or FALSE.		false		true	
MCQ					

Please read the question carefully and choose the most appropriate option. You cannot add a subquery to a SELECT clause as a column expression in the SELECT list.

State whether the above statement is TRUE or FALSE.

MCQ

true

false

Please read the question carefully and choose the most appropriate option. Which of the following is valid SQL for an Index?

MCQ

CREATE  
INDEX ID;

REMOVE  
INDEX ID;

CHANGE  
INDEX ID;

Please read the question carefully and choose the most appropriate option. Statement 1: A subquery is also called an inner query or inner select, while the statement containing a subquery is also called an outer query or outer select.

Statement 2: A subquery can be nested inside the WHERE or HAVING clause of an outer SELECT, INSERT, UPDATE, or DELETE statement, or inside another subquery.

Which of the above statements are TRUE?

MCQ

Both  
statement 1  
and statement  
2

Only  
statement 2

None of the  
listed options

Please read the question carefully and choose the most appropriate option. View can be removed using which command?

MCQ

DELETE VIEW

REMOVE  
VIEW

All listed  
options

Please read the question carefully and choose the most appropriate option. Statement 1: A view can be accessed with the use of SQL SELECT statement like a table.

Statement 2: A view can be made up by selecting data from more than one tables.

Which of the above statements are TRUE?

MCQ

Only statement  
2

Both statement  
1 and  
statement 2

None of the  
listed options

Please read the question carefully and choose the most appropriate option. An index helps speed up SELECT queries and WHERE clauses, but it slows down data input, with UPDATE and INSERT statements.

State whether the above statement is TRUE or FALSE.

MCQ

true

false

Please read the question carefully and choose the most appropriate option. Statement 1: Clustered index physically rearranges the data that users inserts in your tables.

Statement 2: There can be 2000 non-clustered index per table.

Which of the above statement are TRUE?

MCQ

Both statement  
1 and  
statement 2

None of the  
listed options

Only statement  
2

Please read the question carefully and choose the most appropriate option. Which of the given options are TRUE?

MCQ

An inline view  
exists only  
inside of the  
FROM clause  
as a run-time  
result set.

All listed  
options

A subquery  
exists only  
inside of the  
FROM clause  
as a run-time

Please read the question carefully and choose the most appropriate option. Statement 1: If a subquery is not dependent on the outer query it is called a non-correlated subquery.

Statement 2: Subqueries cannot be used with the comparison operators.

Which of the above statements are TRUE?	MCQ	None of the listed options	Only statement 1	Only statement 2
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Please read the question carefully and choose the most appropriate option. A query is called correlated subquery when both the inner query and the outer query are interdependent.

State whether the above statement is TRUE or FALSE.	MCQ	false	true
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Please read the question carefully and choose the most appropriate option. Statement 1: The SQL subquery is a SELECT query that is embedded in the main SELECT statement.

Statement 2: A subquery cannot return more than one rows

Which of the above statements is TRUE?	MCQ	Both statement 1 and statement 2	None of the listed options	Only statement 2
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Carefully read the question and answer accordingly. The following s/w process model can be represented schematically as a series of major technical activities and there associated sate

MCQ

All of the listed options

Incremental model

Concurrent development model

Carefully read the question and answer accordingly. If Quality Control and Quality Assurance are compared

MCQ

Both are literally the same

QA is done by the client and QC is done by the software vendor

QC is a higher activity in the management Hierarchy

Carefully read the question and answer accordingly. To produce a good quality product, process should be

MCQ

None

Rigorous

Complex

Carefully read the question and answer accordingly. Software processes can be constructed out of pre-existing software patterns to best meet the needs of a software project.

State True or False

MCQ

false

true

Carefully read the question and answer accordingly. Who is essentially responsible for the quality of a product

MCQ

Development Manager

Customer

QA Manager

Carefully read the question and answer accordingly. Data structure suitable for the application is discussed in ?

MCQ

procedural design

architectural design

interface design

Carefully read the question and answer accordingly. Using software process improvement model will help a company

MCQ

To decrease the defect rate

All of the listed options

To increase profitability

Carefully read the question and answer accordingly. The object relationship pair of data model is represented graphically by using

MCQ

All of the listed options

Flow chart

Data flow diagram

Carefully read the question and answer accordingly. Which one is the most important feature of spiral model

MCQ

Efficiency management

Performance Management

Risk Management

Carefully read the question and answer accordingly. Process models are described as agile because they	MCQ	do not waste development time on planning activities	emphasize maneuverability and adaptability	eliminate the need for cumbersome documentation
Carefully read the question and answer accordingly. People who perform software quality assurance must look at the software from the customer's perspective.	MCQ	false	true	
Carefully read the question and answer accordingly. In software quality assurance work there is no difference between software verification and software validation. State True/False	MCQ	false	true	
Carefully read the question and answer accordingly. Software is a product and can be manufactured using the same technologies used for other engineering artifacts. State True or False	MCQ	true	false	
Carefully read the question and answer accordingly. A key concept of quality control is that all work products	MCQ	have measurable specifications for process outputs	are thoroughly tested before delivery to the customer	are delivered on time and under budget
Carefully read the question and answer accordingly. What are the qualities of a good s/w	MCQ	Portability	Reusability prevent profitable	All of the listed options
Carefully read the question and answer accordingly. Software safety is a quality assurance activity that focuses on hazards that	MCQ	may result from user input errors	marketing of the final product	may cause an entire system to fail
Carefully read the question and answer accordingly. The goal of quality assurance is to provide management with the data needed to determine which software engineers are producing the most defects.	MCQ	false	true	
Carefully read the question and answer accordingly. Variation control in the context of software engineering involves controlling variation in the	MCQ	process applied	All of the listed options	resources expended
Carefully read the question and answer accordingly. What is used to measure the characteristics of the documentation and code	MCQ	Process metrics	Software Quality metrics	Product metrics
Carefully read the question and answer accordingly. The purpose of software reviews is to uncover errors in work products so they can be removed before moving on to the next phase of development.	MCQ	false	true	
Carefully read the question and answer accordingly. In object oriented design of software , objects have	MCQ	attributes, name and operations	None of the listed options	operations and names only
Carefully read the question and answer accordingly. Which of these criteria are useful in assessing the effectiveness of a particular design notation	MCQ	modularity	size	maintainability
Carefully read the question and answer accordingly. Which of the following is the correct definition for DFD	MCQ	The primary output of the system design phase	The modern version of flowchart	Mainly used at systems specification stages

Carefully read the question and answer accordingly. Which of the following comments about object oriented design of software, is not true	MCQ	Classes are defined based on the attributes of objects	an object can belong to two classes	classes are always different
Carefully read the question and answer accordingly. In system design, we do following	MCQ	Hardware design after software	Software design after hardware	Parallel hardware and software design
Carefully read the question and answer accordingly. Which of these is a graphical notation for depicting procedural detail	MCQ	flowchart	ER diagram	decision table
Carefully read the question and answer accordingly. The term module in the design phase refers to	MCQ	Sub programs	Procedures	All of the listed options
Carefully read the question and answer accordingly. Informational cohesion is a realization of	MCQ	structured programming	Modularity	Concurrency
Carefully read the question and answer accordingly. The work products produced during requirement elicitation will vary	MCQ	size of the product being built	size of the budget	stakeholders needs
Carefully read the question and answer accordingly. Object-oriented analysis techniques can be used to identify and refine user task objects and actions without any need to refer to the user voice. State True/False	MCQ	true	false	
Carefully read the question and answer accordingly. Change cannot be easily accommodated in most software systems, unless the system was designed with change in mind. State True/False	MCQ	false	true	
Carefully read the question and answer accordingly. Software Engineering is the systematic approach to the development, operation, maintenance and retirement of software. This definition is given by_____	MCQ	Bauer	Boehm	Charles Babbage
Carefully read the question and answer accordingly. Which of the items listed below is not one of the software engineering layers	MCQ	Tools	Manufacturing	Methods
Carefully read the question and answer accordingly. Software engineering umbrella activities are only applied during the initial phases of software development projects. State True or False	MCQ	true	false	
Carefully read the question and answer accordingly. Which phase is not available in s/w life cycle	MCQ	Coding	Specifications	Design
Carefully read the question and answer accordingly. The Prototype is a	MCQ	Mini model of existing system	Working model of existing system Something to fear but not something to manage	Mini model of processed system
Carefully read the question and answer accordingly. Which of the following is not Risk characteristic	MCQ	Neither intrinsically good not bad		Probability of loss
Carefully read the question and answer accordingly. Management of software development is dependent upon	MCQ	People	Process	All of the listed options

Carefully read the question and answer accordingly. The best way to conduct a requirements validation review is to	MCQ	send them to the design team and see if they have any concerns	examine the system model for errors	use a checklist of questions to examine each requirement
Carefully read the question and answer accordingly. Software engineering aims at developing	MCQ	Reliable Software	None of the listed options	Cost Effective Software
Carefully read the question and answer accordingly. Major component of Risk Analysis are	MCQ	The potential loss or impact associated with the event	The probability that the negative event will occur and The potential loss or impact associated with the event	The potential loss is very high
Carefully read the question and answer accordingly. Milestones are used to	MCQ	Know the status of the project	Know the cost of the project	Know the user expectations
Carefully read the question and answer accordingly. The review is one of the methods of V&V. The other methods are	MCQ	Walkthrough	Inspection	Testing
Carefully read the question and answer accordingly. Software Engineering approach is used to achieve	MCQ	Better performance of h/w	Reusable software	Error free s/w
Carefully read the question and answer accordingly. Which is not the responsibility of customer/ user of the software	MCQ	Prepare resource plan	Plan how and by whom each acceptance activity will be performed	Plan resources for providing information on which to base acceptance decisions
Carefully read the question and answer accordingly. A stakeholder is anyone who will purchase the completed software system under development. State True/False	MCQ	false	true	
Carefully read the question and answer accordingly. Project risk factor is considered in	MCQ	Water fall	Spiral	All of the listed options
Carefully read the question and answer accordingly. The prototyping model of software development is	MCQ	The best approach to use for projects with large development teams	A risky model that rarely produces a meaningful product	A useful approach when a customer cannot define requirements clearly useful for modeling real-time systems.
Carefully read the question and answer accordingly. Control flow diagrams are	MCQ	required for all systems.	used in place of data flow diagrams.	Relationship that connect data object to one another
Carefully read the question and answer accordingly. A data model consists of the following information	MCQ	All of the listed options	The attributes that describe data object	
Carefully read the question and answer accordingly. Which of following is not a UML diagram used creating a system analysis model	MCQ	Activity diagram	Class diagram	State diagram

Carefully read the question and answer accordingly. If requirements are frequently changing, which model is best suited	MCQ	RAD	Prototype	Water fall
Carefully read the question and answer accordingly. The data flow diagram must be augmented by descriptive text in order to describe the functional requirements for a software product. State True/False	MCQ	true	false	
Carefully read the question and answer accordingly. The incremental model of software development is	MCQ	The best approach to use for projects with large development teams.	A good approach when a working core product is required quickly	A reasonable approach when requirements are well defined
Carefully read the question and answer accordingly. Which is not a software life cycle model	MCQ	Spiral	Capability Maturity Model	Water fall
Carefully read the question and answer accordingly. If requirements are understandable, easy, defined, which model is best suited	MCQ	Prototype	None	Water fall
Carefully read the question and answer accordingly. The entity relationship diagram	MCQ	depicts functions that transform the data flow	depicts relationships between data objects	indicates how data are transformed by the system
Carefully read the question and answer accordingly. What exactly Baseline means	MCQ	A quantitative measure of the current level of performance	A single software product that may or may not fully support a business function	A test or analysis conducted after an application is moved into production
Carefully read the question and answer accordingly. Which of these are valid software configuration items?	MCQ	test data	software tools	executable programs
Carefully read the question and answer accordingly. The primary purpose of configuration status reporting is to	MCQ	make sure that change information is communicated to all affected parties	evaluate the performance of software developers and organizations	None of the listed options
Carefully read the question and answer accordingly. When software configuration management is a formal activity, the software configuration audit is conducted by the	MCQ	senior managers	development team	quality assurance group
Carefully read the question and answer accordingly. A new _____ is defined when major changes have been made to one or more configuration objects.	MCQ	item	version	entity

Carefully read the question and answer accordingly. What is configuration management in software engineering	MCQ	management of the configurable components in a system	in object-oriented programming, the management of objects that control the configuration of some other function(s) in the system	the identification of the configuration of a system at discrete points in time to control changes to the configuration
Carefully read the question and answer accordingly. In requirements validation the requirements model is reviewed to ensure its technical feasibility. State True/False	MCQ	false	true	
Carefully read the question and answer accordingly. A basic configuration object is a _____ created by a software engineer during some phase of the software development process.	MCQ	All of the listed options	program data structure	unit of information
Carefully read the question and answer accordingly. The ability to track relationships and changes to configuration objects is one of the most important features of the SCM repository.	MCQ	true	false	
Carefully read the question and answer accordingly. Which of the following tasks is not part of software configuration management?	MCQ	change control	version control	statistical quality control
Please read the question carefully and choose the most appropriate option. An input field takes the birth year of the user ranging from 1960 to 1995. The boundary values for testing this field are?	MCQ	0,1960,1995	1959, 1960, 1961, 1994, 1995, 1996	1960, 1995, 1996
Please read the question carefully and choose the most appropriate option. Test scenarios have to be written with the consideration of ?	MCA	Business rules	Functional standards	None of the listed options
Please read the question carefully and choose the most appropriate option. State whether True or False. Testers should be involved in reviewing documents as soon as drafts are available in the development cycle.	MCQ	true	false	
Please read the question carefully and choose the most appropriate option. Alternate flows can be tested by themselves (State True or false)	MCQ	true	false	
Please read the question carefully and choose the most appropriate option. We derive _____ by using the test design techniques	MCQ	All the listed options	Test Scenario	Test case
Please read the question carefully and choose the most appropriate option. State whether True or False. A use case can result into more than one scenario.	MCQ	true	false	
Please read the question carefully and choose the most appropriate option. Test data preparation data is done during _____ ?	MCQ	Test condition defining process	Test Development process	Test Execution process



Please read the question carefully and choose the most appropriate option. For a given set of boundaries, how many boundary values are possible?	MCQ	2	None of the listed options	4	
Please read the question carefully and choose the most appropriate option. Test Scenarios have case specific data assigned to them (State True or False)	MCQ	true	false		
Please read the question carefully and choose the most appropriate option. Which of the following statements is/are true?	MCA	Test scenario involves the expected results.	Test case includes the steps to execute.		Test scenario define the setup to perform the tests
Please read the question carefully and choose the most appropriate option. Test conditions can be valid or invalid (State True or False)	MCQ	false	true		
Please read the question carefully and choose the most appropriate option. Which of the below is not an activity involved in Test execution process?	MCQ	Test data setup	Retesting of defects		Build verification process
Please read the question carefully and choose the most appropriate option. The conditions that need to be verified by the tester after the activity is performed are called _____?	MCQ	Exceptions	Post condition		Pre condition
Please read the question carefully and choose the most appropriate option. State whether True or False. Triage meeting is done before fixing the defect.	MCQ	false	true		
Please read the question carefully and choose the most appropriate option. Which is the correct order to be followed for a Build Verification Process?	MCQ	A. Build the compiled code into software B. Add the release notes C. Perform Smoke/ Sanity Test D. Test Execution	A. Review the code B. Build the compiled code into software C. Perform Smoke/ Sanity Test D. Test Execution		
Please read the question carefully and choose the most appropriate option. A defect is found after retest. What are all the possible stages this defect may undergo?	MCQ	Reopen, Fixed, Closed	Open, Fixed, Reopen, Closed		Reopen, Fixed
Please read the question carefully and choose the most appropriate option. Which is not a major task of test implementation and execution?	MCQ	Verifying that the test environment has been set up correctly	Develop and prioritizing test cases, creating test data, writing test procedures and optionally, preparing test harness and writing automated test scripts		Verifying that the test environment has been set up correctly and Checking test logs against the exit criteria specified in test planning
Please read the question carefully and choose the most appropriate option. State whether True or False. Release notes are prepared by developer/ development team.	MCQ	true	false		

		Develop and prioritizing test cases, creating test data, writing test procedures and optionally, preparing test harness and writing automated test scripts	Logging the outcome of test execution and recording the identities and versions of the software under test, test tools and testware	Verifying that the test environment has been set up correctly
Please read the question carefully and choose the most appropriate option. Which is not a major task of test implementation and execution?	MCQ			
Please read the question carefully and choose the most appropriate option.				
What are the subsequent states that a new defect can undergo?	MCA	Closed	Rejected	Deferred
Please read the question carefully and choose the most appropriate option. State whether True or False. Developer has to ensure that the pre requisite of each test case are met.	MCQ	True	false	
Please read the question carefully and choose the most appropriate option.				
What are the action items if an application does not behave as expected?	MCA	Update status of the defect	Execute next test step of same test case	Log defect
Please read the question carefully and choose the most appropriate option. Software testing ensures which of the below?	MCQ	Use of proper test approach	Usage of design architecture	Proper causal analysis
Please read the question carefully and choose the most appropriate option. Match the following. A) Self review B) Formal review C) Informal review				
1. Conducted by one or more peers in the team	MCQ	A - 3, B - 1, C - 2	A - 2, B - 1, C - 3	A - 2, B - 3, C - 1
2. Conducted by one or more reviewers or SME				
3. Conducted by the author himself				
Please read the question carefully and choose the most appropriate option. Review of Test case Artifact is done with the help of?	MCQ	Reviewer	Self review	Author
Please read the question carefully and choose the most appropriate option.				
In causal analysis which attributes among below assist in analyzing the effect?	MCA	Failures	Cause	Requirement gathering
Please read the question carefully and choose the most appropriate option. State whether true or false. Selenium tools helps to develop Automated test scripts	MCQ	true	false	
Please read the question carefully and choose the most appropriate option.				
Which of the statements is applicable to software testing?	MCA	Helps to provide a reliable system	Helps prevent the defects	None of the listed options
Please read the question carefully and choose the most appropriate option. Test environment check up is part of _____ .	MCQ	Test Execution	None of the listed options	Test Scenario

<p>Please read the question carefully and choose the most appropriate option.</p> <p>What are the possible causes for ending up into 0.1 % defective application?</p>	MCA	<div>Developers tend to neglect test approach to the developed product.</div> <div>Defective code</div>	Less knowledge on development language
<p>Please read the question carefully and choose the most appropriate option. Which of the following map the corresponding phases from SDLC with STLC.</p>	MCQ	<div>Requirement Analysis - Test Planning Design and Code - Test Design Testing - Unit Testing</div> <div>None of the listed options</div>	<div>Requirement Analysis - Test Planning Design and Code - Unit Testing - Component Integration testing and System testing</div>
<p>Please read the question carefully and choose the most appropriate option. State whether true or false. QC is used for logging the outcome of the test execution.</p>	MCQ	<div>false</div> <div>true</div>	

Choice4	Choice5	Grade	Grade	Grad	Gra	Gra	Answer	Descripti	QuestionMedia	AnswerMedia
All listed options		0	1	0	0				TEXT	TEXT
Constraints add a level of complexity		0	0	1	0				TEXT	TEXT
Constraints are used to limit the type of data that can go into a table		0	0	1	0				TEXT	TEXT
Only statement 1		1	0	0	0				TEXT	TEXT
		0	1						TEXT	TEXT
		1	0						TEXT	TEXT
		1	0	0					TEXT	TEXT
		0	1						TEXT	TEXT
		0	1						TEXT	TEXT

Only statement  
2

1      0      0      0

TEXT

TEXT

Only statement  
1

0      1      0      0

TEXT

TEXT

None of the  
listed options

1      0      0      0

TEXT

TEXT

None of the  
listed options

0      1      0      0

TEXT

TEXT

Only statement  
2

1      0      0      0

TEXT

TEXT

UNION ALL

1      0      0      0

TEXT

TEXT

0      1

TEXT

TEXT

0      1

TEXT

TEXT

Only statement  
2

HAVING

data Integrity

DROP

UNIQUE

Its maximum  
size is  
specified in  
parenthesis.

MIN

0     1     0     0

TEXT

TEXT

0     0     0     1

TEXT

TEXT

0     0     0     1

TEXT

TEXT

0     0     1

TEXT

TEXT

0     0     0     1

TEXT

TEXT

0     1     0     0

TEXT

TEXT

1     0     0     0

TEXT

TEXT

0     1     0

TEXT

TEXT

0     1     0     0

TEXT

TEXT

1     0

TEXT

TEXT

UPDATE employees SET first_name = 'John', last_name ='Smith' WHERE employee_id = 180;	0	0	0	1	TEXT	TEXT
WHERE lower(country_ address) = 'france'	0	0	0	1	TEXT	TEXT
WHERE	0	0	0	1	TEXT	TEXT
INSERT INTO	0	0	0	1	TEXT	TEXT
The SQL ALTER TABLE clause is used to delete a database table	0	0	1	0	TEXT	TEXT
Semicolon	0	0	0	1	TEXT	TEXT
TCL contains the commands whi ch are required for Transaction Management.	1	0	0	0	TEXT	TEXT

	1	0			TEXT	TEXT
None of the listed options	0	0	1	0	TEXT	TEXT
	0	1	0		TEXT	TEXT
limits the row data that are returned.	0	0	0	1	TEXT	TEXT
LIKE qpt\$	1	0	0	0	TEXT	TEXT
allows database tables to be created or deleted	0	0	1	0	TEXT	TEXT
You can use aggregate functions in any clause of a SELECT statement.	0	0.5	0.5	0	TEXT	TEXT
All the records from a table that match the previous WHERE clause	0	0	1	0	TEXT	TEXT
Only statement 2	0	0	1	0	TEXT	TEXT



LIKE _____ (that's six underscore characters)	0	0	0	1	TEXT	TEXT
CREATE DATABASE student	0	0	0	1	TEXT	TEXT
Alter	0	1	0	0	TEXT	TEXT
INSERT	0	0	1	0	TEXT	TEXT
Only statement 1	1	0	0	0	TEXT	TEXT
	0	1			TEXT	TEXT
Only statement 2	1	0	0	0	TEXT	TEXT
The sort is in descending order by default	0.5	0.5	0	0	TEXT	TEXT
Modify the database	1	0	0	0	TEXT	TEXT
ORDER BY	0	0	1	0	TEXT	TEXT
All listed options	0	1	0	0	TEXT	TEXT
Inner join	0	0	1	0	TEXT	TEXT

You can join a maximum of two tables through an equijoin.

0      0      1

TEXT

TEXT

None of the listed options

0      0      1      0

TEXT

TEXT

candidate keys

1      0      0      0

TEXT

TEXT

Both statement  
1 and  
statement 2

0      0      0      1

TEXT

TEXT

Only statement  
2

0 1 0 0

TEXT

TEXT

50	0	0	0	1	TEXT	TEXT
	0	1			TEXT	TEXT
LEFT JOIN	0	0	0	1	TEXT	TEXT
	0	1			TEXT	TEXT
NATURAL	0	0	1	0	TEXT	TEXT
Self join	1	0	0	0	TEXT	TEXT
	0	0	1		TEXT	TEXT
All listed options	0	1	0	0	TEXT	TEXT
	1	0			TEXT	TEXT
Only statement 1	0	1	0	0	TEXT	TEXT

0      1      0

TEXT

TEXT

1      0

TEXT

TEXT

1      0

TEXT

TEXT

1      0

TEXT

TEXT

1      0

TEXT

TEXT

All listed options

1      0      0      0

TEXT

TEXT

All the listed options

0      0      1      0

TEXT

TEXT

1      0

TEXT

TEXT

	0	1			TEXT	TEXT
ADD INDEX ID;	1	0	0	0	TEXT	TEXT
Only statement 1	1	0	0	0	TEXT	TEXT
DROP VIEW	0	0	0	1	TEXT	TEXT
Only statement 1	0	1	0	0	TEXT	TEXT
	1	0			TEXT	TEXT
Only statement 1	0	0	0	1	TEXT	TEXT
An inline view exists only inside of the WHERE clause as a run-time result set.	1	0	0	0	TEXT	TEXT

Both statement 1 and statement 2		0	1	0	0		TEXT	TEXT
		0	1				TEXT	TEXT
Only statement 1		0	0	0	1		TEXT	TEXT
Component assembly		0	0	1	0		TEXT	TEXT
QA is a higher activity in the management Hierarchy		0	0	1	0		TEXT	TEXT
Efficient		0	0	0	1		TEXT	TEXT
		0	1				TEXT	TEXT
		1	0	0			TEXT	TEXT
data design To decrease development time		0	0	0	1		TEXT	TEXT
To meet schedu		0	1	0	0	0	TEXT	TEXT
Entity relationship diagram								
		0	0	0	1		TEXT	TEXT
Quality management								
		0	0	1	0		TEXT	TEXT

make extensive use of prototype creation		0	1	0	0		TEXT	TEXT
		0	1				TEXT	TEXT
		1	0				TEXT	TEXT
		0	1				TEXT	TEXT
have complete documentation		1	0	0	0		TEXT	TEXT
Inter Operability		0	0	1	0		TEXT	TEXT
affect the reliability of a software component		0	0	1	0		TEXT	TEXT
		1	0				TEXT	TEXT
product quality attributes		0	1	0	0		TEXT	TEXT
None of the listed options		0	0	1	0		TEXT	TEXT
		0	1				TEXT	TEXT
attributes and names only		1	0	0	0		TEXT	TEXT
simplicity	maintainability, s	0	0	0	0	1	TEXT	TEXT
All of the listed options		1	0	0	0		TEXT	TEXT

Objects inherit  
the properties  
of class

0100

TEXT

TEXT

No hardware  
design needed

0010

TEXT

TEXT

process  
diagram

1000

TEXT

TEXT

Functions

0010

TEXT

TEXT

data  
abstraction

0001

TEXT

TEXT

software  
process being  
used

1000

TEXT

TEXT

01

TEXT

TEXT

01

TEXT

TEXT

IEEE

0001

TEXT

TEXT

Process

0100

TEXT

TEXT

01

TEXT

TEXT

Installation &  
Maintenance

0001

TEXT

TEXT

None of the  
listed options

0100

TEXT

TEXT

Inherent in  
every project

0100

TEXT

TEXT

Product

0010

TEXT

TEXT



have the  
customer look  
over the  
requirements  
Reliable and  
cost effective  
Software

0	0	1	0	TEXT	TEXT
0	0	0	1	TEXT	TEXT

The probability  
that the  
negative event  
will occur

0	1	0	0	TEXT	TEXT
---	---	---	---	------	------

None of the  
listed options

1	0	0	0	TEXT	TEXT
---	---	---	---	------	------

All of the listed  
options  
Quality  
software  
product

0	0	0	1	TEXT	TEXT
0	0	0	1	TEXT	TEXT

Prepare the  
acceptance  
plan

1	0	0	0	TEXT	TEXT
---	---	---	---	------	------

1	0			TEXT	TEXT
---	---	--	--	------	------

Prototype

0	1	0	0	TEXT	TEXT
---	---	---	---	------	------

A reasonable  
approach  
when  
requirements  
are well  
defined  
needed to  
model event  
driven  
systems.

useful for modeli

0	0	1	0	TEXT	TEXT	
0	0	1	0	0	TEXT	TEXT

Data Object

1	0	0	0	TEXT	TEXT
---	---	---	---	------	------

Dataflow  
diagram

1	0	0	0	TEXT	TEXT
---	---	---	---	------	------

Spiral	0	1	0	0		TEXT	TEXT
	1	0				TEXT	TEXT
A revolutionary model that is not used for commercial products	0	1	0	0		TEXT	TEXT
Prototype	0	1	0	0		TEXT	TEXT
Spiral	0	0	1	0		TEXT	TEXT
indicates system reactions to external events	0	1	0	0		TEXT	TEXT
None of the listed options	1	0	0	0		TEXT	TEXT
All of the listed options	0	0	0	1	0	TEXT	TEXT
documentation							
allow revision of project schedules and cost estimates by project managers	1	0	0	0		TEXT	TEXT
testing specialists	0	0	1	0		TEXT	TEXT
variant	0	1	0	0		TEXT	TEXT

Overall management of the design of the system		0	0	1	0		TEXT	TEXT
a software component		1	0				TEXT	TEXT
		0	0	0	1		TEXT	TEXT
		1	0				TEXT	TEXT
reporting		0	0	1	0		TEXT	TEXT
0, 1959, 1960, 1961, 1994, 1995, 1996	1959, 1960, 199	0	1	0	0	0	TEXT	TEXT
Non functional standards		0.33	0.33	0	0.33		TEXT	TEXT
		1	0				TEXT	TEXT
		0	1				TEXT	TEXT
None of the listed options	Test condition	0	0	1	0	0	TEXT	TEXT
		1	0				TEXT	TEXT
Test Scenario identification process		0	1	0	0		TEXT	TEXT

8	6						TEXT	TEXT		
		0	0	0	0	1				
		0	1							
Test cases are developed from Test conditions.	Test case includ						TEXT	TEXT		
		0	0.5	0	0	0.5				
		0	1							
Test case execution	Defect Tracking	1	0	0	0	0	TEXT	TEXT		
Triggers		0	1	0	0			TEXT	TEXT	
		0	1							
Deferred, Open, Fixed, Reopen, Closed		0	0				TEXT	TEXT		
		1	0	0	0					
Checking test logs against the exit criteria specified in test planning	Logging the outc	0	0	0	1	0	TEXT	TEXT		
		0	1							

Verifying that the test environment has been set up correctly and Checking test logs against the exit criteria specified in test planning	Checking test logs	0	0	0	0	1	TEXT	TEXT
Fixed	Open	0	0.33	0.33	0	0.33	TEXT	TEXT
		0	1				TEXT	TEXT
Retest		0.5	0	0.5	0		TEXT	TEXT
Requirement satisfaction and usage of best design architecture	None of the listed	0	0	0	1	0	TEXT	TEXT
A - 3, B - 2, C - 1	A - 1, B - 2, C - 3	0	0	0	1	0	TEXT	TEXT
Peer review	Checklist	0	0	0	0	1	TEXT	TEXT
Reason	Test Approach	0	0.5	0	0.5	0	TEXT	TEXT
		1	0				TEXT	TEXT
Helps to identify completeness of the software	Helps in identifying	0.25	0.25	0	0.25	0.25	TEXT	TEXT
Test Development	Test Design	1	0	0	0	0	TEXT	TEXT

		Test Case Design						Test Case Review	
		Test Case Design		Test Case Review		Test Case Review		Test Case Review	
		Test Case Design	Test Case Review	Test Case Design	Test Case Review	Test Case Design	Test Case Review	Test Case Design	Test Case Review
Lack of domain knowledge	Misunderstood requirements	0.25	0.25	0	0.25	0.25		TEXT	TEXT
	Requirement Analysis - Test Planning								
	Design and Code - Test Design								
Testing - Component Integration testing and System testing	Requirement Analysis	0	0	0	1	0		TEXT	TEXT
	Design and Code								
	Test Design	0	1					TEXT	TEXT

Author	Reviewer	Is Numeric
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