QuestionText	QuestionType	Choice1	Choice2
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.
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
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.
"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. 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	Only statement 2	Both statement 1 and statement 2
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	TRUE	FALSE
"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	FALSE

Question	Type	Option A	Option B
Please read the question carefully and choose the most appropriate option. What is a primary key?	MCQ	The primary key is a column or combination of columns whose values uniquely identify each row in the table.	The primary key column is a column or combination of columns whose values can be non-unique.
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
"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
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

Question	Type	Option A	Option B
"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**
"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
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
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**

Question	Type	Option A	Option B
"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
Please read the question carefully and choose the most appropriate option. Which clause should you use to exclude group results?	MCQ	WHERE	RESTRICT
Please read the question carefully and choose the most appropriate option. ON UPDATE CASCADE ensures which of the following?	MCQ	None	Materialized View
Please read the question carefully and choose the most appropriate option. The SQL DROP TABLE clause is used to...	MCQ	create a new table in the database	modify an existing table in a database
Please read the question carefully and choose the most appropriate option. Which one will delete the table data as well as table structure?	MCQ	DISTINCT	TRUNCATE
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:	MCQ	NO DUPLICATE	DISTINCT
Please read the question carefully and choose the most appropriate option. Which of the given options are TRUE about 'varchar' datatype?	MCQ	All listed options	Holds a variable length string (can contain letters, numbers, and special characters).

Question	Type	Option A	Option B
Please read the question carefully and choose the most appropriate option. Which of the following SQL statements is correct?	MCQ	SELECT CustomerName, COUNT(CustomerName) FROM Orders ORDER BY CustomerName	**SELECT CustomerName, COUNT(CustomerName) FROM Orders GROUP BY CustomerName**
Please read the question carefully and choose the most appropriate option. Which of the following is not a valid aggregate function?	MCQ	COUNT	**COMPUTE**
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?	MCQ	**TRUE**	FALSE
"Please read the question carefully and choose the most appropriate option. Examine the structure of the EMPLOYEES table: EMPLOYEE_ID NUMBER Primary Key FIRST_NAME VARCHAR2(25) LAST_NAME VARCHAR2(25) HIRE_DATE DATE Which UPDATE statement is valid?"	MCQ	UPDATE employees SET first_name = 'John' AND last_name ='Smith' WHERE employee_id = 180;	UPDATE employees SET first_name = 'John' SET last_name ='Smith' WHERE employee_id = 180;

Question	Type	Option	Option
"Please read the question carefully and choose the most appropriate option. The CUSTOMERS table has these columns: CUSTOMER_ID NUMBER(4) NOT NULL CUSTOMER_NAME VARCHAR2(100) NOT NULL STREET_ADDRESS VARCHAR2(150) CITY_ADDRESS VARCHAR2(50) STATE_ADDRESS VARCHAR2(50) PROVINCE_ADDRESS VARCHAR2(50) COUNTRY_ADDRESS VARCHAR2(50) POSTAL_CODE VARCHAR2(12) CUSTOMER_PHONE VARCHAR2(20) A sale is being advertised to the customers in France. Which WHERE clause identifies customers that are located in France?"	MCQ	None	WHERE lower(country_address) = "france"
Please read the question carefully and choose the most appropriate option. What SQL clause is used to restrict the rows returned by a query?	MCQ	HAVING	AND
Please read the question carefully and choose the most appropriate option. Which SQL statement is used to insert a new data in a database?	MCQ	INSERT NEW	ADD
Please read the question carefully and choose the most appropriate option. What does the ALTER TABLE clause do?	MCQ	The SQL ALTER TABLE deletes data from database table.	The SQL ALTER TABLE clause is used to insert data into database table.

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.	MCQ	Comma	Colon
Please read the question carefully and choose the most appropriate option. Which of the given options are TRUE about TCL?	MCQ	All listed options	TCL consists of 2 commands: COMMIT and ROLLBACK
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 Which of the above statements is TRUE?"	MCQ	Only statement 1	Only statement 2
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 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. The SQL WHERE clause:"	MCQ	NONE	limits the rows & columns returned
"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

Please read the question carefully and choose the most appropriate option. DDL part of SQL does which of the following?	MCQ	Defines indexes (keys)	Specifies links between tables, and imposes constraints between tables
"Please read the question carefully and choose the most appropriate option. Which two are true about aggregate functions?(Choose two)"	MCA	You can use aggregate functions only in the column list of the SELECT clause and in theWHERE clause of a SELECT statement.	You can pass column names, expressions, constants, or functions as parameters to anaggregate function.
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
"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
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 ??????
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
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

Question	Type	Option A	Option B
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
"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
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
"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.	The ORDER BY clause comes last in the SELECT statement.
Please read the question carefully and choose the most appropriate option. SQL can be used to:	MCQ	All the listed operation can be done by SQL.	query database data only.

Question	Type	Option 1	Option 2
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
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**
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
Please read the question carefully and choose the most appropriate option. The INNER JOIN clause…	MCQ	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.	returns all rows from 2 tables
Please read the question carefully and choose the most appropriate option. What is true about joining tables through an equijoin?	MCQ	**You can join n tables (all having single column primary keys) in a SQL statement by specifying a minimum of n-1 join conditions.**	You can join a maximum of two columns through an equijoin.
"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. Statement 2: JOIN ON syntax is much more readable and maintainable than the natural join syntax. Which of the above statements are TRUE?"	MCQ	Only statement 1	Both statement 1 and statement 2

Question	Type	Option A	Option B
Please read the question carefully and choose the most appropriate option. In the relational model, relationships between relations or tables are created by using:	MCQ	foreign keys.	composite keys.
"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. Statement 2: You can have multiple conditions for the ON clause just like you can in a WHERE clause. Which of the above statements is TRUE?"	MCQ	Only statement 2	Only statement 1
"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. 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. Which of the above statements are TRUE?"	MCQ	Only statement 1	Both statement 1 and statement 2
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
Please read the question carefully and choose the most appropriate option. A table may be joined to itself.	MCQ	FALSE	TRUE

Question	Type	Option 1	Option 2
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
"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
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
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
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

Question	Type	Option 1	Option 2
"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 Which of the above statements is TRUE?"	MCQ	None of the listed options	**Both statement 1 and statement 2**
"Please read the question carefully and choose the most appropriate option. Which of the given options is TRUE about LIKE clause?"	MCQ	The percent sign represents zero, one, or multiple characters, when used with LIKE clause.	**Both the statements given**
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.	MCQ	FALSE	**TRUE**
"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."	MCQ	**TRUE**	FALSE

"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."	MCQ	FALSE	TRUE
"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."	MCQ	FALSE	TRUE
Please read the question carefully and choose the most appropriate option. Which of the given options is TRUE?	MCQ	SUM function allows selecting the total for a numeric column.	None of the listed options
"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?"	MCQ	Only statement 1	None of the listed options
"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."	MCQ	FALSE	TRUE

"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;
"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
Please read the question carefully and choose the most appropriate option. View can be removed using which command?	MCQ	DELETE VIEW	REMOVE VIEW
"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**

Question	Type	Option A	Option B
"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**
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
"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**
"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**

Question	Type	Option A	Option B
"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
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
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
Carefully read the question and answer accordingly. To produce a good quality product, process should be	MCQ	None	Rigorous
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
Carefully read the question and answer accordingly. Data structure suitable for the application is discussed in ?	MCQ	procedural design	architectural 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**

Question	Type	Option A	Option B
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
Carefully read the question and answer accordingly. Which one is the most important feature of spiral model	MCQ	Efficiency management	Performance 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**
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
Carefully read the question and answer accordingly. What are the qualities of a good s/w	MCQ	Portability	Reusability
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	prevent profitable marketing of the final product

Question	Type	Option A	Option B
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**
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
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
"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
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
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**
Carefully read the question and answer accordingly. In system design, we do following	MCQ	Hardware design after software	Software design after hardware

Question	Type	Option A	Option B
Carefully read the question and answer accordingly. Which of these is a graphical notation for depicting procedural detail	MCQ	flowchart	ER diagram
Carefully read the question and answer accordingly. The term module in the design phase refers to	MCQ	Sub programs	Procedures
Carefully read the question and answer accordingly. Informational cohesion is a realization of	MCQ	structured programming	Modularity
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
"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
Carefully read the question and answer accordingly. Which of the items listed below is not one of the software engineering layers	MCQ	Tools	Manufacturing

Question	Type	TRUE	FALSE
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
Carefully read the question and answer accordingly. The Prototype is a	MCQ	Mini model of existing system	**Working model of existing system**
Carefully read the question and answer accordingly. Which of the following is not Risk characteristic	MCQ	Neither intrinsically good not bad	**Something to fear but not something to manage**
Carefully read the question and answer accordingly. Management of software development is dependent upon	MCQ	People	Process
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
Carefully read the question and answer accordingly. Software engineering aims at developing	MCQ	Reliable Software	None of the listed options
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**
Carefully read the question and answer accordingly. Milestones are used to	MCQ	**Know the status of the project**	Know the cost of the project
Carefully read the question and answer accordingly. The review is one of the methods of V&V. The other methods are	MCQ	Walkthrough	Inspection
Carefully read the question and answer accordingly. Software Engineering approach is used to achieve	MCQ	Better performance of h/w	Reusable software

Question	Type	Option 1	Option 2
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
"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**
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
"Carefully read the question and answer accordingly. Control flow diagrams are"	MCQ	required for all systems.	used in place of data flow diagrams.
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
Carefully read the question and answer accordingly. If requirements are frequently changing, which model is best suited	MCQ	RAD	**Prototype**
"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

Question	Type	Option A	Option B
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
Carefully read the question and answer accordingly. Which is not a software life cycle model	MCQ	Spiral	Capability Maturity Model
Carefully read the question and answer accordingly. If requirements are understandable, easy, defined, which model is best suited	MCQ	Prototype	None
Carefully read the question and answer accordingly. The entity relationship diagram	MCQ	depicts functions that transform the data flow	depicts relationships between data objects
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
Carefully read the question and answer accordingly. Which of these are valid software configuration items?	MCQ	test data	software tools
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
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
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

Question	Type	Option 1	Option 2
"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
"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
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
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
"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

Question	Type	Option A	Option B
"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 Frue 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
"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
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
"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.**

Question	Type	Option A	Option B
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
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**
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
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

Question	Type	Option A	Option B
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**
Please read the question carefully and choose the most appropriate option. Which is not a major task of test implementation and execution?	MCQ	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
"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**
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
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

Question	Type	Option 1	Option 2
"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 2. Conducted by one or more reviewers or SME 3. Conducted by the author himself"	MCQ	A - 3, B - 1, C - 2	A - 2, B - 1, C - 3
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
"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
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
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
"Please read the question carefully and choose the most appropriate option. What are the possible causes for ending up into 0.1 % defective application?"	MCA	Developers tend to neglect test approach to the developed product.	Defective code

Please read the question carefully and choose the most appropriate option. Which of the following map the corresponding phases from SDLC with STLC.	MCQ	Requirement Analysis - Test Planning Design and Code - Test Design Testing - Unit Testing	None of the listed options
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.	MCQ	FALSE	TRUE

Choice3	Choice4	Choice5	Grade1	Grade2	Grade3
None of the listed options	All listed options		0	1	0
Constraints ensure data integrity	Constraints add a level of complexity		0	0	1
All listed options	Constraints are used to limit the type of data that can go into a table		0	0	1
None of the listed options	Only statement 1		1	0	0
			0	1	
			1	0	

The primary key is a column that can have NULL values.		1	0	0
		0	1	
Only statement 1	Only statement 2	1	0	0
None of the listed options	Only statement 1	0	1	0
ON DELETE ORPHAN	None of the listed options	1	0	0

Only statement 2	None of the listed options	0	1	0
Only statement 1	Only statement 2	1	0	0
INTERSECT	UNION ALL	1	0	0
		0	1	
		0	1	

Both statement 1 and statement 2	Only statement 2	0	1	0
GROUP BY	HAVING	0	0	0
Normalization	data Integrity	0	0	0
delete a table from the database		0	0	1
REMOVE	DROP	0	0	0
None of the listed options	UNIQUE	0	1	0
None of the listed options	Its maximum size is specified in parenthesis.	1	0	0

SELECT CustomerName, COUNT(CustomerName) FROM Orders			0	1	0
MAX	MIN		0	1	0
			1	0	
UPDATE employees SET first_name = 'John', SET last_name ='Smith' WHERE employee_id = 180;	UPDATE employees SET first_name = 'John', last_name ='Smith' WHERE employee_id = 180;		0	0	0

WHERE lower(country_address) IS 'france'	WHERE lower(country_address) = 'france'	0	0	0
FROM	WHERE	0	0	0
UPDATE	INSERT INTO	0	0	0
The SQL ALTER TABLE clause modifies a table definition by altering, adding, or deleting table columns and/or constraints.	The SQL ALTER TABLE clause is used to delete a database table	0	0	1

All listed options	Semicolon	0	0	0
None of the listed options	TCL contains the commands which are required for Transaction Management.	1	0	0
		1	0	
Both statement 1 and statement 2	None of the listed options	0	0	1
The AS clause defines a search condition		0	1	0
limits the column data that are returned.	limits the row data that are returned.	0	0	0
LIKE ^.*qpt$	LIKE qpt$	1	0	0

All listed options	allows database tables to be created or deleted	0	0	1
You can mix single row columns with aggregate functions in the column list of a SELECTstatement by grouping on the single row columns.	You can use aggregate functions in any clause of a SELECT statement.	0	0.5	0.5
All the records from a table, or information about all the records	All the records from a table that match the previous WHERE clause	0	0	1
Both statement 1 and statement 2	Only statement 2	0	0	1
LIKE .{6} Answer 5: LIKE ^.{6}$	LIKE _____ (that's six underscore characters)	0	0	0
DATABASE /student	CREATE DATABASE student	0	0	0
Update	Alter	0	1	0

SELECT	INSERT	0	0	1
None of the listed options	Only statement 1	1	0	0
		0	1	
Both statement 1 and statement 2	Only statement 2	1	0	0
The ORDER BY clause is executed on the client side	The sort is in descending order by default	0.5	0.5	0
create database structures only.	Modify the database	1	0	0

JOIN	ORDER BY	0	0	1
Inner join	All listed options	0	1	0
Outer join	Inner join	0	0	1
returns all rows that have matching value in the field on which the 2 tables are joined.		0	0	1
All listed options	You can join a maximum of two tables through an equijoin.	1	0	0
Only statement 2	None of the listed options	0	0	1

determinants.	candidate keys	1	0	0
None of the listed options	Both statement 1 and statement 2	0	0	0
None of the listed options	Only statement 2	0	1	0
10 50		0	0	0
		0	1	

CROSS JOIN	LEFT JOIN	0	0	0
		0	1	
CROSS	NATURAL	0	0	1
Inner join	Self join	1	0	0
we are joining table to itself		0	0	1
a relationship between certain rows in tables.	All listed options	0	1	0

		1	0	
Only statement 2	Only statement 1	0	1	0
The underscore represents a single number or character.		0	1	0
		1	0	
		1	0	

			1	0	
			1	0	
COUNT function is used to count the number of columns in a database table.	All listed options		1	0	0
Only statement 2	All the listed options		0	0	1
			1	0	

		0	1	
CHANGE INDEX ID;	ADD INDEX ID;	1	0	11111
None of the listed options	Only statement 1	1	0	0
All listed options	DROP VIEW	0	0	0
None of the listed options	Only statement 1	0	1	0

		1	0	
Only statement 2	Only statement 1	0	0	0
A subquery exists only inside of the FROM clause as a run-time	An inline view exists only inside of the WHERE clause as a run-time result set.	1	0	0
Only statement 2	Both statement 1 and statement 2	0	1	0
		0	1	

Only statement 2	Only statement 1		0	0	0
Concurrent development model	Component assembly		0	0	1
QC is a higher activity in the management Hierarchy	QA is a higher activity in the management Hierarchy		0	0	1
Complex	Efficient		0	0	0
			0	1	
QA Manager			1	0	0
interface design	data design		0	0	0
To increase profitability	To decrease development time	To meet schedule	0	1	0

Data flow diagram	Entity relationship diagram	0	0	0
Risk Management	Quality management	0	0	1
eliminate the need for cumbersome documentation	make extensive use of prototype creation	0	1	0
		0	1	
		1	0	
		0	1	
are delivered on time and under budget	have complete documentation	1	0	0
All of the listed options	Inter Operability	0	0	1
may cause an entire system to fail	affect the reliability of a software component	0	0	1

			1	0	
resources expended	product quality attributes		0	1	0
Product metrics	None of the listed options		0	0	1
			0	1	
operations and names only	attributes and names only		1	0	0
maintainability	simplicity	maintainability, simplicity and modularity	0	0	0
Mainly used at systems specification stages	All of the listed options		1	0	0
classes are always different	Objects inherit the properties of class		0	1	0
Parallel hardware and software design	No hardware design needed		0	0	1

decision table	process diagram	1	0	0
All of the listed options	Functions	0	0	1
Concurrency	data abstraction	0	0	0
stakeholders needs	software process being used	1	0	0
		0	1	
		0	1	
Charles Babbage	IEEE	0	0	0
Methods	Process	0	1	0

		0	1	
Design	Installation & Maintenance	0	0	0
Mini model of processed system	None of the listed options	0	1	0
Probability of loss	Inherent in every project	0	1	0
All of the listed options	Product	0	0	1
use a checklist of questions to examine each requirement	have the customer look over the requirements	0	0	1
Cost Effective Software	Reliable and cost effective Software	0	0	0
The potential loss is very high	The probability that the negative event will occur	0	1	0
Know the user expectations	None of the listed options	1	0	0
Testing	All of the listed options	0	0	0
Error free s/w	Quality software product	0	0	0

Plan resources for providing information on which to base acceptance decisions	Prepare the acceptance plan		1	0	0
			1	0	
All of the listed options	Prototype		0	1	0
A useful approach when a customer cannot define requirements clearly	A reasonable approach when requirements are well defined		0	0	1
useful for modeling real-time systems.	needed to model event driven systems.	useful for modeling real-time systems and event driven systems	0	0	1
Relationship that connect data object to one another	Data Object		1	0	0
State diagram	Dataflow diagram		1	0	0
Water fall	Spiral		0	1	0
			1	0	

A reasonable approach when requirements are well defined	A revolutionary model that is not used for commercial products		0	1	0
Water fall	Prototype		0	1	0
Water fall	Spiral		0	0	1
indicates how data are transformed by the system	indicates system reactions to external events		0	1	0
A test or analysis conducted after an application is moved into production	None of the listed options		1	0	0
executable programs	All of the listed options	documentation	0	0	0
None of the listed options	allow revision of project schedules and cost estimates by project managers		1	0	0
quality assurance group	testing specialists		0	0	1
entity	variant		0	1	0

the identification of the configuration of a system at discrete points in time to control changes to the configuration	overall management of the design of the system		0	0	1
			1	0	
unit of information	a software component		0	0	0
			1	0	
statistical quality control	reporting		0	0	1
1960, 1995, 1996	0, 1959, 1960, 1961, 1994, 1995, 1996	1959, 1960, 1994, 1995	0	1	0
None of the listed options	Non functional standards		0.333	0.333	0

			1	0	
			0	1	
Test case	None of the listed options	Test condition	0	0	1
			1	0	
Test Execution process	Test Scenario identification process		0	1	0
4	8	6	0	0	0
			0	1	
Test scenario define the setup to perform the tests	Test cases are developed from Test conditions.	Test case includes the method of how the test would be performed.	0	0.5	0

			0	1	
Build verification process	Test case execution	Defect Tracking	1	0	0
Pre condition	Triggers		0	1	0
			0	1	
			0	0	
Reopen, Fixed	Defferred, Open, Fixed, Reopen, Closed		1	0	0
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 against the exit criteria specified in test planning	Logging the outcome of test execution and recording the identities and versions of the software under test, test tools and testware	0	0	0

			0	1	
Verifying that the test environment has been set up correctly	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 against the exit criteria specified in test planning	0	0	0
Deferred	Fixed	Open	0	0.333	0.333

			0	1	
Log defect	Retest		0.5	0	0.5
Proper causal analysis	Requirement satisfaction and usage of best design architecture	None of the listed options	0	0	0

A - 2, B - 3, C - 1	A - 3, B - 2, C - 1	A - 1, B - 2, C - 3	0	0	0
Author	Peer review	Checklist	0	0	0
Requirement gathering	Reason	Test Approach	0	0.5	0
			1	0	
None of the listed options	Helps to identify completeness of the software	Helps in identifying defects	0.25	0.25	0
Test Scenario	Test Development	Test Design	1	0	0
Less knowledge on development language	Lack of domain knowledge	Misunderstood requirements	0.25	0.25	0

Requirement Analysis - Test Planning Design and Code - Unit Testing Testing - Component Integration testing and System testing	Requirement Analysis - Test Planning Design and Code - Test Design Testing - Component Integration testing and System testing	Requirement Analysis - Test Design Design and Code - Test Planning Testing - Component Integration testing and System testing	0	0	0
			0	1	

Requirement Analysis - Test Planning Design and Code - Unit Testing Testing - Component Integration testing and System testing

Requirement Analysis - Test Planning Design and Code - Test Design Testing - Component Integration testing and System testing

Requirement Analysis - Test Design Design and Code - Test Planning Testing - Component Integration testing and System testing

Grade4	Grade5	AnswerDescription	QuestionMedia	AnswerMedia	Author	Reviewer	Is Numeric
	0		TEXT	TEXT			
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Grade4	Grade5	AnswerDescription	QuestionMedia	AnswerMedia	Author	Reviewer	Is Numeric

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