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| 1 | |  | | --- | | **Carefully read the question and answer accordingly. Data structure suitable for the application is discussed in ?** | | Selected Option:  data design - 1.0  Correct Answer:  data design | |
| 2 | |  | | --- | | **Carefully read the question and answer accordingly. Variation control in the context of software engineering involves controlling**  **variation in the** | | Selected Option:  All of the listed options - 1.0  Correct Answer:  All of the listed options | |

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| 3 | |  | | --- | | **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** | | Selected Option:  true - 1.0  Correct Answer:  true | |
| 4 | |  | | --- | | **Carefully read the question and answer accordingly. In system design, we do following** | | Selected Option:  No hardware design needed - 0.0  Correct Answer:  Parallel hardware and software design | |

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| 5 | |  | | --- | | **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** | | Selected Option:  true - 0.0  Correct Answer:  false | |
| 6 | |  | | --- | | **Please read the question carefully and choose the most appropriate option. The INNER JOIN clause…** | | Selected Option:  returns all rows that have matching value in the field on which the 2 tables are joined. - 1.0  Correct Answer:  returns all rows that have matching value in the field on which the  2 tables are joined. | |

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| 7 | |  | | --- | | **Please read the question carefully and choose the most appropriate option. View can be removed using which command?** | | Selected Option:  DROP VIEW - 1.0  Correct Answer:  DROP VIEW | |
| 8 | |  | | --- | | **Please read the question carefully and choose the most appropriate option.**  **Test Scenarios have case specific data assigned to them (State True or False)** | | Selected Option:  true - 0.0  Correct Answer:  false | |

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| 9 | |  | | --- | | **Please read the question carefully and choose the most appropriate option. The \_\_\_\_\_\_\_\_\_\_\_ join is the ANSI-standard syntax used to generate a**  **Cartesian product.** | | Selected Option:  CROSS - 1.0  Correct Answer:  CROSS | |
| 10 | |  | | --- | | **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?** | | Selected Option:  Only statement 1 - 1.0  Correct Answer:  Only statement 1 | |

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| 11 | |  | | --- | | **Please read the question carefully and choose the most appropriate option. Alternate flows can be tested by themselves (State Frue or false)** | | Selected Option:  false - 1.0  Correct Answer:  false | |
| 12 | |  | | --- | | **Carefully read the question and answer accordingly. Management of software development is dependent upon** | | Selected Option:  All of the listed options - 1.0  Correct Answer:  All of the listed options | |

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| 13 | |  | | --- | | **Please read the question carefully and choose the most appropriate option. State whether true or false.**  **Selenium tools helps to develop Automated test scripts** | | Selected Option:  true - 1.0  Correct Answer:  true | |
| 14 | |  | | --- | | **Carefully read the question and answer accordingly. Software Engineering approach is used to achieve** | | Selected Option:  Quality software product - 1.0  Correct Answer:  Quality software product | |

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| 15 | |  | | --- | | **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.** | | Selected Option:  true - 1.0  Correct Answer:  true | |
| 16 | |  | | --- | | **Carefully read the question and answer accordingly. Which of the following tasks is not part of**  **software configuration management?** | | Selected Option:  version control - 0.0  Correct Answer:  statistical quality control | |

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| 17 | |  | | --- | | **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?** | | Selected Option:  Only statement 1 - 1.0  Correct Answer:  Only statement 1 | |
| 18 | |  | | --- | | **Please read the question carefully and choose the most appropriate option. Which clause should you use to exclude group results?** | | Selected Option:  GROUP BY - 0.0  Correct Answer:  HAVING | |

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| 19 | |  | | --- | | **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?** | | Selected Option:  LEFT JOIN - 1.0  Correct Answer:  LEFT JOIN | |
| 20 | |  | | --- | | **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?** | | Selected Option:  Both statement 1 and statement 2 - 1.0  Correct Answer:  Both statement 1 and statement 2 | |

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| 21 | |  | | --- | | **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** | | Selected Option:  LIKE %qpt - 1.0  Correct Answer:  LIKE %qpt | |
| 22 | |  | | --- | | **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?** | | Selected Option:  Both statement 1 and statement 2 - 1.0  Correct Answer:  Both statement 1 and statement 2 | |

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| 23 | |  | | --- | | **Please read the question carefully and choose the most appropriate option. Which of the given options are TRUE?** | | Selected Option:  A subquery exists only inside of the FROM clause as a run-time - 0.0  Correct Answer:  An inline view exists only inside of the FROM clause as a run-time result set. | |
| 24 | |  | | --- | | **Carefully read the question and answer accordingly. The primary purpose of configuration status reporting is to** | | Selected Option:  evaluate the performance of software developers and organizations - 0.0  Correct Answer:  make sure that change information is communicated to all affected parties | |

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| 25 | |  | | --- | | **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?** | | Selected Option:  Reopen, Fixed, Closed - 1.0  Correct Answer:  Reopen, Fixed, Closed | |
| 26 | |  | | --- | | **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?** | | Selected Option:  UPDATE employees SET first\_name = 'John', last\_name ='Smith' WHERE employee\_id = 180; - 1.0  Correct Answer:  UPDATE employees  SET first\_name = 'John', last\_name ='Smith'  WHERE employee\_id = 180; | |

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| 27 | |  | | --- | | **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?** | | Selected Option:  Both statement 1 and statement 2 - 1.0  Correct Answer:  Both statement 1 and statement 2 | |
| 28 | |  | | --- | | **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.** | | Selected Option:  true - 1.0  Correct Answer:  true | |

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| 29 | |  | | --- | | **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** | | Selected Option:  true - 0.0  Correct Answer:  false | |
| 30 | |  | | --- | | **Please read the question carefully and choose the most appropriate option. Which of the following is not a valid aggregate function?** | | Selected Option:  COMPUTE - 1.0  Correct Answer:  COMPUTE | |
| 1 | |  | | --- | | **Carefully read the question and answer accordingly. Which is not a software life cycle model** | | Selected Option:  Capability Maturity Model  - 1.0  Correct Answer:  Capability Maturity Model | |
| 2 | |  | | --- | | **Carefully read the question and answer accordingly. A new \_\_\_\_\_\_\_\_\_\_ is defined when major changes have been made to one**  **or more configuration objects.** | | Selected Option:  version - 1.0  Correct Answer:  version | |

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| 3 | |  | | --- | | **Carefully read the question and answer accordingly. Which of the following is the correct definition for DFD** | | Selected Option:  The primary output of the system design phase - 1.0  Correct Answer:  The primary output of the system design phase | |
| 4 | |  | | --- | | **Carefully read the question and answer accordingly. If Quality Control and Quality Assurance are compared** | | Selected Option:  QC is a higher activity in the management Hierarchy - 1.0  Correct Answer:  QC is a higher activity in the management Hierarchy | |

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| 5 | |  | | --- | | **Carefully read the question and answer accordingly. What exactly Baseline means** | | Selected Option:  A quantitative measure of the current level of performance - 1.0  Correct Answer:  A quantitative measure of the current level of performance | |
| 6 | |  | | --- | | **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.** | | Selected Option:  true - 1.0  Correct Answer:  true | |

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| 7 | |  | | --- | | **Please read the question carefully and choose the most appropriate option. A SELECT command without a WHERE clause returns?** | | Selected Option:  All the records from a table, or information about all the records - 1.0  Correct Answer:  All the records from a table, or information about all the records | |
| 8 | |  | | --- | | **Please read the question carefully and choose the most appropriate option. Which of the following is valid SQL for an Index?** | | Selected Option:  CREATE INDEX ID; - 1.0  Correct Answer:  CREATE INDEX ID; | |

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| 9 | |  | | --- | | **Carefully read the question and answer accordingly. Variation control in the context of software engineering involves controlling**  **variation in the** | | Selected Option:  All of the listed options - 1.0  Correct Answer:  All of the listed options | |
| 10 | |  | | --- | | **Carefully read the question and answer accordingly. Which of the following comments about object oriented design**  **of software, is not true** | | Selected Option:  an object can belong to two classes - 1.0  Correct Answer:  an object can belong to two classes | |

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| 11 | |  | | --- | | **Please read the question carefully and choose the most appropriate option. We refer to a join as a self-join when?** | | Selected Option:  we are joining table to itself - 1.0  Correct Answer:  we are joining table to itself | |
| 12 | |  | | --- | | **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?** | | Selected Option:  Only statement 1 - 1.0  Correct Answer:  Only statement 1 | |

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| 13 | |  | | --- | | **Please read the question carefully and choose the most appropriate option. Review of Test case Artifact is done with the help of?** | | Selected Option:  Checklist - 1.0  Correct Answer:  Checklist | |
| 14 | |  | | --- | | **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?** | | Selected Option:  None of the listed options - 0.0  Correct Answer:  Only statement 1 | |

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| 15 | |  | | --- | | **Carefully read the question and answer accordingly. Major component of Risk Analysis are** | | Selected Option:  The probability that the negative event will occur - 0.0  Correct Answer:  The probability that the negative event will occur and  The potential loss or impact associated with the event | |
| 16 | |  | | --- | | **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?** | | Selected Option:  Only statement 2 - 1.0  Correct Answer:  Only statement 2 | |

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| 17 | |  | | --- | | **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?** | | Selected Option:  1959, 1960, 1961, 1994, 1995, 1996 - 1.0  Correct Answer:  1959, 1960, 1961, 1994, 1995, 1996 | |
| 18 | |  | | --- | | **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.** | | Selected Option:  false - 1.0  Correct Answer:  false | |

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| 19 | |  | | --- | | **Please read the question carefully and choose the most appropriate option. The \_\_\_\_\_\_\_\_\_\_\_ join is the ANSI-standard syntax used to generate a**  **Cartesian product.** | | Selected Option:  CROSS - 1.0  Correct Answer:  CROSS | |
| 20 | |  | | --- | | **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?** | | Selected Option:  None of the listed options - 0.0  Correct Answer:  Only statement 2 | |

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| 21 | |  | | --- | | **Please read the question carefully and choose the most appropriate option. The SQL DROP TABLE clause is used to...** | | Selected Option:  delete a table from the database - 1.0  Correct Answer:  delete a table from the database | |
| 22 | |  | | --- | | **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\_\_\_\_\_\_\_\_\_** | | Selected Option:  IEEE - 1.0  Correct Answer:  IEEE | |

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| 23 | |  | | --- | | **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?** | | Selected Option:  SELECT - 1.0  Correct Answer:  SELECT | |
| 24 | |  | | --- | | **Please read the question carefully and choose the most appropriate option. Which clause should you use to exclude group results?** | | Selected Option:  GROUP BY - 0.0  Correct Answer:  HAVING | |

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| 25 | |  | | --- | | **Please read the question carefully and choose the most appropriate option. Which is the correct order to be followed for a Build Verification Process?** | | Selected Option:  A. Build the compiled code into software B. Add the release notes  C. Perform Smoke/ Sanity Test D. Test Execution - 0.0  Correct Answer: | |
| 26 | |  | | --- | | **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.** | | Selected Option:  true - 1.0  Correct Answer:  true | |

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| 27 | |  | | --- | | **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 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.** | | Selected Option:  All listed options - 0.0  Correct Answer:  a relationship between certain columns in tables | |
| 28 | |  | | --- | | **Please read the question carefully and choose the most appropriate option. Which of the given options are TRUE?** | | Selected Option:  A subquery exists only inside of the FROM clause as a run-time - 0.0  Correct Answer:  An inline view exists only inside of the FROM clause as a run-time result set. | |

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| 29 | |  | | --- | | **Carefully read the question and answer accordingly. In requirements validation the requirements model is reviewed to ensure its**  **technical feasibility. State True/False** | | Selected Option:  false - 1.0  Correct Answer:  false | |
| 30 | |  | | --- | | **Please read the question carefully and choose the most appropriate option. Which of the given options are TRUE about TCL?** | | Selected Option:  All listed options - 1.0  Correct Answer:  All listed options | |
| 1 | |  | | --- | | **Please read the question carefully and choose the most appropriate option. We derive \_\_\_\_\_\_\_\_\_ by using the test design techniques** | | Selected Option:  Test Scenario - 0.0  Correct Answer:  Test case | |
| 2 | |  | | --- | | **Please read the question carefully and choose the most appropriate option. We refer to a join as a self-join when?** | | Selected Option:  we are joining table to itself - 1.0  Correct Answer:  we are joining table to itself | |

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| 3 | |  | | --- | | **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** | | Selected Option:  true - 0.0  Correct Answer:  false | |
| 4 | |  | | --- | | **Please read the question carefully and choose the most appropriate option. Which of the following is not a valid aggregate function?** | | Selected Option:  COMPUTE - 1.0  Correct Answer:  COMPUTE | |

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| 5 | |  | | --- | | **Carefully read the question and answer accordingly. Management of software development is dependent upon** | | Selected Option:  All of the listed options - 1.0  Correct Answer:  All of the listed options | |
| 6 | |  | | --- | | **Carefully read the question and answer accordingly. Which of the following tasks is not part of software configuration management?** | | Selected Option:  change control - 0.0  Correct Answer:  statistical quality control | |

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| 7 | |  | | --- | | **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.** | | Selected Option:  True - 0.0  Correct Answer:  false | |
| 8 | |  | | --- | | **Carefully read the question and answer accordingly. To produce a good quality product, process should be** | | Selected Option:  Efficient - 1.0  Correct Answer:  Efficient | |

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| 9 | |  | | --- | | **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?** | | Selected Option:  50 - 1.0  Correct Answer:  50 | |
| 10 | |  | | --- | | **Please read the question carefully and choose the most appropriate option. Which of the following SQL statements is correct?** | | Selected Option:  SELECT CustomerName, COUNT(CustomerName) FROM Orders - 0.0  Correct Answer:  SELECT CustomerName, COUNT(CustomerName) FROM  Orders GROUP BY CustomerName | |

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| 11 | |  | | --- | | **Please read the question carefully and choose the most appropriate option. Which of the given options are TRUE regarding 'Constraints'?** | | Selected Option:  All listed options - 1.0  Correct Answer:  All listed options | |
| 12 | |  | | --- | | **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** | | Selected Option:  true - 1.0  Correct Answer:  true | |

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| 13 | |  | | --- | | **Please read the question carefully and choose the most appropriate option. The INNER JOIN clause…** | | Selected Option:  returns all rows from 2 tables - 0.0  Correct Answer:  returns all rows that have matching value in the field on which the  2 tables are joined. | |
| 14 | |  | | --- | | **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?** | | Selected Option:  false - 1.0  Correct Answer:  false | |

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| 15 | |  | | --- | | **Please read the question carefully and choose the most appropriate option. Which clause should you use to exclude group results?** | | Selected Option:  HAVING - 1.0  Correct Answer:  HAVING | |
| 16 | |  | | --- | | **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** | | Selected Option:  false - 1.0  Correct Answer:  false | |

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| 17 | |  | | --- | | **Carefully read the question and answer accordingly. Which of following is not a UML diagram used creating a system analysis**  **model** | | Selected Option:  Dataflow diagram - 0.0  Correct Answer:  Activity diagram | |
| 18 | |  | | --- | | **Please read the question carefully and choose the most appropriate option.**  **Which of the following statements is/are true?** | | Selected Option:  Test scenario define the setup to perform the tests - 0.0  Test scenario involves the expected results. - 0.0  Test cases are developed from Test conditions. - 0.0  Correct Answer:  Test case includes the steps to execute.  Test case includes the method of how the test would be performed. | |

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| 19 | |  | | --- | | **Carefully read the question and answer accordingly. Which of these is a graphical notation for depicting procedural detail** | | Selected Option:  flowchart - 1.0  Correct Answer:  flowchart | |
| 20 | |  | | --- | | **Carefully read the question and answer accordingly. What exactly Baseline means** | | Selected Option:  A quantitative measure of the current level of performance - 1.0  Correct Answer:  A quantitative measure of the current level of performance | |

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| 21 | |  | | --- | | **Please read the question carefully and choose the most appropriate option. Test environment check up is part of \_\_\_\_\_\_\_\_\_ .** | | Selected Option:  Test Execution - 1.0  Correct Answer:  Test Execution | |
| 22 | |  | | --- | | **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.** | | Selected Option:  false - 0.0  Correct Answer:  true | |

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| 23 | |  | | --- | | **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?** | | Selected Option:  UPDATE employees SET first\_name = 'John', last\_name ='Smith' WHERE employee\_id = 180; - 1.0  Correct Answer:  UPDATE employees  SET first\_name = 'John', last\_name ='Smith'  WHERE employee\_id = 180; | |
| 24 | |  | | --- | | **Please read the question carefully and choose the most appropriate option. Which of the given options are TRUE about TCL?** | | Selected Option:  All listed options - 1.0  Correct Answer:  All listed options | |

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| 25 | |  | | --- | | **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.** | | Selected Option:  true - 1.0  Correct Answer:  true | |
| 26 | |  | | --- | | **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.** | | Selected Option:  true - 0.0  Correct Answer:  false | |

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| 27 | |  | | --- | | **Please read the question carefully and choose the most appropriate option. View can be removed using which command?** | | Selected Option:  DROP VIEW - 1.0  Correct Answer:  DROP VIEW | |
| 28 | |  | | --- | | **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.** | | Selected Option:  true - 0.0  Correct Answer:  false | |

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| 29 | |  | | --- | | **Carefully read the question and answer accordingly. Milestones are used to** | | Selected Option:  Know the status of the project - 1.0  Correct Answer:  Know the status of the project | |
| 30 | |  | | --- | | **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?** | | Selected Option:  Only statement 1 - 1.0  Correct Answer:  Only statement 1 | |
| 1 | |  | | --- | | **Carefully read the question and answer accordingly. Which of the following is the correct definition for DFD** | | Selected Option:  The modern version of flowchart - 0.0  Correct Answer:  The primary output of the system design phase | |
| 2 | |  | | --- | | **Carefully read the question and answer accordingly. Which of following is not a UML diagram used creating a system analysis**  **model** | | Selected Option:  Class diagram - 0.0  Correct Answer:  Activity diagram | |

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| 3 | |  | | --- | | **Please read the question carefully and choose the most appropriate option. Which of the given options are TRUE?** | | Selected Option:  An inline view exists only inside of the WHERE clause as a run-time result set. - 0.0  Correct Answer:  An inline view exists only inside of the FROM clause as a run-time result set. | |
| 4 | |  | | --- | | **Carefully read the question and answer accordingly. The primary purpose of configuration status reporting is to** | | Selected Option:  None of the listed options - 0.0  Correct Answer:  make sure that change information is communicated to all affected parties | |

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| 5 | |  | | --- | | **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.** | | Selected Option:  true - 1.0  Correct Answer:  true | |
| 6 | |  | | --- | | **Please read the question carefully and choose the most appropriate option. Which clause should you use to exclude group results?** | | Selected Option:  WHERE - 0.0  Correct Answer:  HAVING | |

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| 7 | |  | | --- | | **Please read the question carefully and choose the most appropriate option. Which of the following can add a row to a table?** | | Selected Option:  Alter - 0.0  Correct Answer:  Insert | |
| 8 | |  | | --- | | **Please read the question carefully and choose the most appropriate option. The INNER JOIN clause…** | | Selected Option:  returns all rows that have matching value in the field on which the 2 tables are joined. - 1.0  Correct Answer:  returns all rows that have matching value in the field on which the  2 tables are joined. | |

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| 9 | |  | | --- | | **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?** | | Selected Option:  Only statement 2 - 1.0  Correct Answer:  Only statement 2 | |
| 10 | |  | | --- | | **Carefully read the question and answer accordingly. Process models are described as agile because they** | | Selected Option:  do not waste development time on planning activities - 0.0  Correct Answer:  emphasize maneuverability and adaptability | |

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| 11 | |  | | --- | | **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?** | | Selected Option:  Both statement 1 and statement 2 - 1.0  Correct Answer:  Both statement 1 and statement 2 | |
| 12 | |  | | --- | | **Please read the question carefully and choose the most appropriate option. Which is the correct order to be followed for a Build Verification Process?** | | Selected Option:  A. Build the compiled code into software B. Add the release notes C. Perform Smoke/ Sanity Test D. Test Execution - 0.0  Correct Answer: | |

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| 13 | |  | | --- | | **Carefully read the question and answer accordingly. Which of the items listed below is not one of the software engineering layers** | | Selected Option:  Tools - 0.0  Correct Answer:  Manufacturing | |
| 14 | |  | | --- | | **Carefully read the question and answer accordingly. Which of these is a graphical notation for depicting procedural detail** | | Selected Option:  ER diagram - 0.0  Correct Answer:  flowchart | |

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| 15 | |  | | --- | | **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?** | | Selected Option:  Only statement 1 - 1.0  Correct Answer:  Only statement 1 | |
| 16 | |  | | --- | | **Please read the question carefully and choose the most appropriate option. Test data preparation data is done during \_\_\_\_\_\_\_\_\_ ?** | | Selected Option:  Test Execution process - 0.0  Correct Answer:  Test Development process | |

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| 17 | |  | | --- | | **Please read the question carefully and choose the most appropriate option. Which of the given options are TRUE about TCL?** | | Selected Option:  All listed options - 1.0  Correct Answer:  All listed options | |
| 18 | |  | | --- | | **Please read the question carefully and choose the most appropriate option. A SELECT command without a WHERE clause returns?** | | Selected Option:  All the records from a table, or information about all the records - 1.0  Correct Answer:  All the records from a table, or information about all the records | |

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| 19 | |  | | --- | | **Carefully read the question and answer accordingly. In requirements validation the requirements model is reviewed to ensure its**  **technical feasibility. State True/False** | | Selected Option:  false - 1.0  Correct Answer:  false | |
| 20 | |  | | --- | | **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?** | | Selected Option:  WHERE - 0.0  Correct Answer:  JOIN | |

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| 21 | |  | | --- | | **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** | | Selected Option:  false - 1.0  Correct Answer:  false | |
| 22 | |  | | --- | | **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.** | | Selected Option:  true - 1.0  Correct Answer:  true | |

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| 23 | |  | | --- | | **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.** | | Selected Option:  true - 1.0  Correct Answer:  true | |
| 24 | |  | | --- | | **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.** | | Selected Option:  true - 1.0  Correct Answer:  true | |

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| 25 | |  | | --- | | **Carefully read the question and answer accordingly. Which of these are valid software configuration items?** | | Selected Option:  All of the listed options - 1.0  Correct Answer:  All of the listed options | |
| 26 | |  | | --- | | **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.** | | Selected Option:  true - 1.0  Correct Answer:  true | |

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| 27 | |  | | --- | | **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?** | | Selected Option:  false - 1.0  Correct Answer:  false | |
| 28 | |  | | --- | | **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?** | | Selected Option:  All the listed options - 0.0  Correct Answer:  Only statement 2 | |

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| 29 | |  | | --- | | **Please read the question carefully and choose the most appropriate option. We refer to a join as a self-join when?** | | Selected Option:  we are joining table to itself - 1.0  Correct Answer:  we are joining table to itself | |
| 30 | |  | | --- | | **Carefully read the question and answer accordingly. Software Engineering approach is used to achieve** | | Selected Option:  Quality software product - 1.0  Correct Answer:  Quality software product | |
| 1 | |  | | --- | | **Please read the question carefully and choose the most appropriate option. Software testing ensures which of the below?** | | Selected Option:  Requirement satisfaction and usage of best design architecture - 1.0  Correct Answer:  Requirement satisfaction and usage of best design architecture | |
| 2 | |  | | --- | | **Carefully read the question and answer accordingly. In system design, we do following** | | Selected Option:  Hardware design after software - 0.0  Correct Answer:  Parallel hardware and software design | |

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| 3 | |  | | --- | | **Carefully read the question and answer accordingly. A new \_\_\_\_\_\_\_\_\_\_ is defined when major changes have been made to**  **one or more configuration objects.** | | Selected Option:  version - 1.0  Correct Answer:  version | |
| 4 | |  | | --- | | **Please read the question carefully and choose the most appropriate option. In the relational model, relationships between relations or tables are created by**  **using:** | | Selected Option:  foreign keys. - 1.0  Correct Answer:  foreign keys. | |

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| 5 | |  | | --- | | **Please read the question carefully and choose the most appropriate option. Which is the correct order to be followed for a Build Verification Process?** | | Selected Option:  A. Build the compiled code into software B. Add the release notes C. Perform Smoke/ Sanity Test D. Test Execution - 0.0  Correct Answer: | |
| 6 | |  | | --- | | **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.** | | Selected Option:  true - 1.0  Correct Answer:  true | |

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| 7 | |  | | --- | | **Carefully read the question and answer accordingly. A data model consists of the following information** | | Selected Option:  All of the listed options - 1.0  Correct Answer:  All of the listed options | |
| 8 | |  | | --- | | **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?** | | Selected Option:  SELECT - 1.0  Correct Answer:  SELECT | |

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| 9 | |  | | --- | | **Please read the question carefully and choose the most appropriate option. Which clause should you use to exclude group results?** | | Selected Option:  GROUP BY - 0.0  Correct Answer:  HAVING | |
| 10 | |  | | --- | | **Please read the question carefully and choose the most appropriate option. A table can have more than one UNIQUE key constraint. True or False?** | | Selected Option:  true - 1.0  Correct Answer:  true | |

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| 11 | |  | | --- | | **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.** | | Selected Option:  true - 0.0  Correct Answer:  false | |
| 12 | |  | | --- | | **Please read the question carefully and choose the most appropriate option. View can be removed using which command?** | | Selected Option:  DROP VIEW - 1.0  Correct Answer:  DROP VIEW | |

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| 13 | |  | | --- | | **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** | | Selected Option:  LIKE %qpt - 1.0  Correct Answer:  LIKE %qpt | |
| 14 | |  | | --- | | **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.** | | Selected Option:  false - 1.0  Correct Answer:  false | |

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| 15 | |  | | --- | | **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”?** | | Selected Option:  CREATE DATABASE student - 1.0  Correct Answer:  CREATE DATABASE student | |
| 16 | |  | | --- | | **Please read the question carefully and choose the most appropriate option. Which of the given options are TRUE about TCL?** | | Selected Option:  TCL consists of 2 commands: COMMIT and ROLLBACK - 0.0  Correct Answer:  All listed options | |

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| 17 | |  | | --- | | **Carefully read the question and answer accordingly. Which of the items listed below is not one of the software engineering layers** | | Selected Option:  Manufacturing - 1.0  Correct Answer:  Manufacturing | |
| 18 | |  | | --- | | **Please read the question carefully and choose the most appropriate option. We refer to a join as a self-join when?** | | Selected Option:  we are joining table to itself - 1.0  Correct Answer:  we are joining table to itself | |

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| 19 | |  | | --- | | **Carefully read the question and answer accordingly. Informational cohesion is a realization of** | | Selected Option:  data abstraction - 1.0  Correct Answer:  data abstraction | |
| 20 | |  | | --- | | **Carefully read the question and answer accordingly. The primary purpose of configuration status reporting is to** | | Selected Option:  evaluate the performance of software developers and organizations - 0.0  Correct Answer:  make sure that change information is communicated to all affected parties | |

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| 21 | |  | | --- | | **Carefully read the question and answer accordingly. Software engineering aims at developing** | | Selected Option:  Reliable and cost effective Software - 1.0  Correct Answer:  Reliable and cost effective Software | |
| 22 | |  | | --- | | **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?** | | Selected Option:  Only statement 1 - 1.0  Correct Answer:  Only statement 1 | |

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| 23 | |  | | --- | | **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.** | | Selected Option:  false - 1.0  Correct Answer:  false | |
| 24 | |  | | --- | | **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?** | | Selected Option:  15 - 0.0  Correct Answer:  50 | |

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| 25 | |  | | --- | | **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?** | | Selected Option:  Both statement 1 and statement 2 - 0.0  Correct Answer:  Only statement 1 | |
| 26 | |  | | --- | | **Please read the question carefully and choose the most appropriate option. We derive \_\_\_\_\_\_\_\_\_ by using the test design techniques** | | Selected Option:  Test case - 1.0  Correct Answer:  Test case | |

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| 27 | |  | | --- | | **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.** | | Selected Option:  true - 1.0  Correct Answer:  true | |
| 28 | |  | | --- | | **Carefully read the question and answer accordingly. Software Engineering approach is used to achieve** | | Selected Option:  Quality software product - 1.0  Correct Answer:  Quality software product | |

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| 29 | |  | | --- | | **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.** | | Selected Option:  true - 1.0  Correct Answer:  true | |
| 30 | |  | | --- | | **Carefully read the question and answer accordingly. Which one is the most important feature of spiral model** | | Selected Option:  Quality management - 0.0  Correct Answer:  Risk Management | |
| 1 | |  | | --- | | **Carefully read the question and answer accordingly. Informational cohesion is a realization of** | | Selected Option:  data abstraction - 1.0  Correct Answer:  data abstraction | |
| 2 | |  | | --- | | **Please read the question carefully and choose the most appropriate option. What SQL clause is used to restrict the rows returned by a query?** | | Selected Option:  WHERE - 1.0  Correct Answer:  WHERE | |

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| 3 | |  | | --- | | **Carefully read the question and answer accordingly. Which phase is not available in s/w life cycle** | | Selected Option:  Installation & Maintenance - 1.0  Correct Answer:  Installation & Maintenance | |
| 4 | |  | | --- | | **Please read the question carefully and choose the most appropriate option. Which clause should you use to exclude group results?** | | Selected Option:  HAVING - 1.0  Correct Answer:  HAVING | |

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| 5 | |  | | --- | | **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.** | | Selected Option:  false - 1.0  Correct Answer:  false | |
| 6 | |  | | --- | | **Carefully read the question and answer accordingly. People who perform software quality assurance must look at the software from**  **the customer's perspective.** | | Selected Option:  true - 1.0  Correct Answer:  true | |

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| 7 | |  | | --- | | **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.** | | Selected Option:  true - 1.0  Correct Answer:  true | |
| 8 | |  | | --- | | **Carefully read the question and answer accordingly. Software Engineering approach is used to achieve** | | Selected Option:  Quality software product - 1.0  Correct Answer:  Quality software product | |

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| 9 | |  | | --- | | **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.** | | Selected Option:  false - 1.0  Correct Answer:  false | |
| 10 | |  | | --- | | **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.** | | Selected Option:  true - 1.0  Correct Answer:  true | |

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| 11 | |  | | --- | | **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?** | | Selected Option:  Both statement 1 and statement 2 - 1.0  Correct Answer:  Both statement 1 and statement 2 | |
| 12 | |  | | --- | | **Carefully read the question and answer accordingly. A new \_\_\_\_\_\_\_\_\_\_ is defined when major changes have been made to one or more configuration objects.** | | Selected Option:  version - 1.0  Correct Answer:  version | |

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| 13 | |  | | --- | | **Please read the question carefully and choose the most appropriate option. View can be removed using which command?** | | Selected Option:  DROP VIEW - 1.0  Correct Answer:  DROP VIEW | |
| 14 | |  | | --- | | **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?** | | Selected Option:  Full Outer Join - 1.0  Correct Answer:  Full Outer Join | |

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| 15 | |  | | --- | | **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?** | | Selected Option:  Both statement 1 and statement 2 - 1.0  Correct Answer:  Both statement 1 and statement 2 | |
| 16 | |  | | --- | | **Carefully read the question and answer accordingly. Data structure suitable for the application is discussed in ?** | | Selected Option:  data design - 1.0  Correct Answer:  data design | |

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| 17 | |  | | --- | | **Please read the question carefully and choose the most appropriate option. For a given set of boundaries, how many boundary values are possible?** | | Selected Option:  6 - 1.0  Correct Answer:  6 | |
| 18 | |  | | --- | | **Carefully read the question and answer accordingly. Management of software development is dependent upon** | | Selected Option:  All of the listed options - 1.0  Correct Answer:  All of the listed options | |

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| 19 | |  | | --- | | **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?** | | Selected Option:  Only statement 2 - 1.0  Correct Answer:  Only statement 2 | |
| 20 | |  | | --- | | **Please read the question carefully and choose the most appropriate option. What is true about joining tables through an equijoin?** | | Selected Option:  You can join n tables (all having single column primary keys) in a SQL statement by specifying a minimum of n-1 join conditions. - 1.0  Correct Answer:  You can join n tables (all having single column primary keys) in a SQL statement by specifying a minimum of n-1 join conditions. | |

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| 21 | |  | | --- | | **Carefully read the question and answer accordingly. Which of these is a graphical notation for depicting procedural detail** | | Selected Option:  flowchart - 1.0  Correct Answer:  flowchart | |
| 22 | |  | | --- | | **Please read the question carefully and choose the most appropriate option. The INNER JOIN clause…** | | Selected Option:  returns all rows that have matching value in the field on which the 2 tables are joined. - 1.0  Correct Answer:  returns all rows that have matching value in the field on which the 2 tables are joined. | |

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| 23 | |  | | --- | | **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?** | | Selected Option:  Both statement 1 and statement 2 - 1.0  Correct Answer:  Both statement 1 and statement 2 | |
| 24 | |  | | --- | | **Please read the question carefully and choose the most appropriate option. State whether True or False. Triage meeting is done before fixing the defect.** | | Selected Option:  true - 1.0  Correct Answer:  true | |

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| 25 | |  | | --- | | **Please read the question carefully and choose the most appropriate option.**  **Test scenarios have to be written with the consideration of ?** | | Selected Option:  Business rules - 0.333  Non functional standards - 0.333  Functional standards - 0.333  Correct Answer:  Business rules  Functional standards  Non functional standards | |
| 26 | |  | | --- | | **Carefully read the question and answer accordingly. Which of these are valid software configuration items?** | | Selected Option:  All of the listed options - 1.0  Correct Answer:  All of the listed options | |

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| 27 | |  | | --- | | **Please read the question carefully and choose the most appropriate option. Which of the given options are TRUE about TCL?** | | Selected Option:  All listed options - 1.0  Correct Answer:  All listed options | |
| 28 | |  | | --- | | **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** | | Selected Option:  true - 1.0  Correct Answer:  true | |

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| 29 | |  | | --- | | **Please read the question carefully and choose the most appropriate option. The result of a SELECT statement can contain duplicate rows.** | | Selected Option:  true - 1.0  Correct Answer:  true | |
| 30 | |  | | --- | | **Please read the question carefully and choose the most appropriate option. Test environment check up is part of \_\_\_\_\_\_\_\_\_ .** | | Selected Option:  Test Execution - 1.0  Correct Answer:  Test Execution | |
| 1 | |  | | --- | | **Carefully read the question and answer accordingly. Software safety is a quality assurance activity that focuses on hazards that** | | Selected Option:  may cause an entire system to fail - 1.0  Correct Answer:  may cause an entire system to fail | |
| 2 | |  | | --- | | **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?** | | Selected Option:  Only statement 2 - 1.0  Correct Answer:  Only statement 2 | |

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| 3 | |  | | --- | | **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?** | | Selected Option:  Both statement 1 and statement 2 - 1.0  Correct Answer:  Both statement 1 and statement 2 | |
| 4 | |  | | --- | | **Please read the question carefully and choose the most appropriate option. In the relational model, relationships between relations or tables are created by using:** | | Selected Option:  foreign keys. - 1.0  Correct Answer:  foreign keys. | |

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| 5 | |  | | --- | | **Please read the question carefully and choose the most appropriate option. For a given set of boundaries, how many boundary values are possible?** | | Selected Option:  6 - 1.0  Correct Answer:  6 | |
| 6 | |  | | --- | | **Please read the question carefully and choose the most appropriate option. We refer to a join as a self-join when?** | | Selected Option:  we are joining table to itself - 1.0  Correct Answer:  we are joining table to itself | |

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| 7 | |  | | --- | | **Please read the question carefully and choose the most appropriate option. Software testing ensures which of the below?** | | Selected Option:  Requirement satisfaction and usage of best design architecture - 1.0  Correct Answer:  Requirement satisfaction and usage of best design architecture | |
| 8 | |  | | --- | | **Carefully read the question and answer accordingly. The incremental model of software development is** | | Selected Option:  A good approach when a working core product is required quickly - 1.0  Correct Answer:  A good approach when a working core product is required quickly | |

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| 9 | |  | | --- | | **Carefully read the question and answer accordingly.**  **What is configuration management in software engineering** | | Selected Option:  the identification of the configuration of a system at discrete points in time to control changes to the configuration - 1.0  Correct Answer:  the identification of the configuration of a system at discrete points in time to  control changes to the configuration | |
| 10 | |  | | --- | | **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.** | | Selected Option:  true - 1.0  Correct Answer:  true | |

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| 11 | |  | | --- | | **Carefully read the question and answer accordingly. Which of these criteria are useful in assessing the effectiveness of a particular**  **design notation** | | Selected Option:  maintainability, simplicity and modularity - 1.0  Correct Answer:  maintainability, simplicity and modularity | |
| 12 | |  | | --- | | **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** | | Selected Option:  true - 1.0  Correct Answer:  true | |

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| 13 | |  | | --- | | **Please read the question carefully and choose the most appropriate option. Which of the following is valid SQL for an Index?** | | Selected Option:  CREATE INDEX ID; - 1.0  Correct Answer:  CREATE INDEX ID; | |
| 14 | |  | | --- | | **Carefully read the question and answer accordingly. To produce a good quality product, process should be** | | Selected Option:  Efficient - 1.0  Correct Answer:  Efficient | |

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| 15 | |  | | --- | | **Carefully read the question and answer accordingly. Which is not the responsibility of customer/ user of the software** | | Selected Option:  Prepare resource plan - 1.0  Correct Answer:  Prepare resource plan | |
| 16 | |  | | --- | | **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.** | | Selected Option:  false - 1.0  Correct Answer:  false | |

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| 17 | |  | | --- | | **Carefully read the question and answer accordingly. The best way to conduct a requirements validation review is to** | | Selected Option:  use a checklist of questions to examine each requirement - 1.0  Correct Answer:  use a checklist of questions to examine each requirement | |
| 18 | |  | | --- | | **Please read the question carefully and choose the most appropriate option. Which is not a major task of test implementation and execution?** | | Selected Option:  Checking test logs against the exit criteria specified in test planning - 1.0  Correct Answer:  Checking test logs against the exit criteria specified in test planning | |

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| 19 | |  | | --- | | **Please read the question carefully and choose the most appropriate option. View can be removed using which command?** | | Selected Option:  DROP VIEW - 1.0  Correct Answer:  DROP VIEW | |
| 20 | |  | | --- | | **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?** | | Selected Option:  SELECT - 1.0  Correct Answer:  SELECT | |

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| 21 | |  | | --- | | **Please read the question carefully and choose the most appropriate option.**  **Which two are true about aggregate functions?(Choose two)** | | Selected Option:  You can mix single row columns with aggregate functions in the column list of  a SELECT statement by grouping on the single row columns. - 0.5  You can pass column names, expressions, constants, or functions as  parameters to an aggregate function. - 0.5  Correct Answer:  You can pass column names, expressions, constants, or functions as parameters  to anaggregate 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. | |
| 22 | |  | | --- | | **Please read the question carefully and choose the most appropriate option. What SQL clause is used to restrict the rows returned by a query?** | | Selected Option:  WHERE - 1.0  Correct Answer:  WHERE | |

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| 23 | |  | | --- | | **Please read the question carefully and choose the most appropriate option.**  **Which of the following statements is/are true?** | | Selected Option:  Test case includes the method of how the test would be performed. - 0.5  Test case includes the steps to execute. - 0.5  Correct Answer:  Test case includes the steps to execute.  Test case includes the method of how the test would be performed. | |
| 24 | |  | | --- | | **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** | | Selected Option:  false - 1.0  Correct Answer:  false | |  | |  | |

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| 25 | |  | | --- | | **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.** | | Selected Option:  true - 1.0  Correct Answer:  true | |
| 26 | |  | | --- | | **Carefully read the question and answer accordingly. Milestones are used to** | | Selected Option:  Know the status of the project - 1.0  Correct Answer:  Know the status of the project | |

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| 27 | |  | | --- | | **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?** | | Selected Option:  Only statement 1 - 1.0  Correct Answer:  Only statement 1 | |
| 28 | |  | | --- | | **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.** | | Selected Option:  true - 1.0  Correct Answer:  true | |

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| 29 | |  | | --- | | **Please read the question carefully and choose the most appropriate option. Which clause should you use to exclude group results?** | | Selected Option:  HAVING - 1.0  Correct Answer:  HAVING | |
| 30 | |  | | --- | | **Carefully read the question and answer accordingly. When software configuration management is a formal activity,**  **the software configuration audit is conducted by the** | | Selected Option:  quality assurance group - 1.0  Correct Answer:  quality assurance group | |
| 1 | |  | | --- | | **Please read the question carefully and choose the most appropriate option. We derive \_\_\_\_\_\_\_\_\_ by using the test design techniques** | | Selected Option:  Test case - 1.0  Correct Answer:  Test case | |
| 2 | |  | | --- | | **Carefully read the question and answer accordingly. Milestones are used to** | | Selected Option:  Know the status of the project - 1.0  Correct Answer:  Know the status of the project | |

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| 3 | |  | | --- | | **Please read the question carefully and choose the most appropriate option. Which of the given options are TRUE regarding 'Constraints'?** | | Selected Option:  All listed options - 1.0  Correct Answer:  All listed options | |
| 4 | |  | | --- | | **Please read the question carefully and choose the most appropriate option. What is the purpose of the SQL AS clause?** | | Selected Option:  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. - 1.0  Correct Answer:  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. | |

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| 5 | |  | | --- | | **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.** | | Selected Option:  true - 1.0  Correct Answer:  true | |
| 6 | |  | | --- | | **Carefully read the question and answer accordingly. In requirements validation the requirements model is reviewed to ensure its**  **technical feasibility. State True/False** | | Selected Option:  true - 0.0  Correct Answer:  false | |

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| 7 | |  | | --- | | **Carefully read the question and answer accordingly. Software safety is a quality assurance activity that focuses on hazards that** | | Selected Option:  affect the reliability of a software component - 0.0  Correct Answer:  may cause an entire system to fail | |
| 8 | |  | | --- | | **Carefully read the question and answer accordingly. The term module in the design phase refers to** | | Selected Option:  All of the listed options - 1.0  Correct Answer:  All of the listed options | |

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| 9 | |  | | --- | | **Carefully read the question and answer accordingly. To produce a good quality product, process should be** | | Selected Option:  Efficient - 1.0  Correct Answer:  Efficient | |
| 10 | |  | | --- | | **Carefully read the question and answer accordingly. Which of these criteria are useful in assessing the effectiveness of a particular**  **design notation** | | Selected Option:  maintainability, simplicity and modularity - 1.0  Correct Answer:  maintainability, simplicity and modularity | |

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| 11 | |  | | --- | | **Please read the question carefully and choose the most appropriate option. State whether True or False. Triage meeting is done before fixing the defect.** | | Selected Option:  false - 0.0  Correct Answer:  true | |
| 12 | |  | | --- | | **Please read the question carefully and choose the most appropriate option. Which of the given options are TRUE about TCL?** | | Selected Option:  All listed options - 1.0  Correct Answer:  All listed options | |

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| 13 | |  | | --- | | **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.** | | Selected Option:  true - 1.0  Correct Answer:  true | |
| 14 | |  | | --- | | **Please read the question carefully and choose the most appropriate option. We refer to a join as a self-join when?** | | Selected Option:  we are joining table to itself - 1.0  Correct Answer:  we are joining table to itself | |

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| 15 | |  | | --- | | **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?** | | Selected Option:  Only statement 1 - 1.0  Correct Answer:  Only statement 1 | |
| 16 | |  | | --- | | **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?** | | Selected Option:  Outer join - 1.0  Correct Answer:  Outer join | |

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| 17 | |  | | --- | | **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.** | | Selected Option:  All of the listed options - 0.0  Correct Answer:  a software component | |
| 18 | |  | | --- | | **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** | | Selected Option:  true - 1.0  Correct Answer:  true | |

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| 19 | |  | | --- | | **Please read the question carefully and choose the most appropriate option. Which of the following map the corresponding phases from SDLC with STLC.** | | Selected Option:  Requirement Analysis - Test Planning Design and Code - Test Design Testing - Component Integration testing and System testing - 1.0  Correct Answer:  Requirement Analysis - Test Planning  Design and Code - Test Design  Testing - Component Integration testing and System testing | |
| 20 | |  | | --- | | **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.** | | Selected Option:  true - 1.0  Correct Answer:  true | |

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| 21 | |  | | --- | | **Carefully read the question and answer accordingly. Which of the following tasks is not part of software configuration management?** | | Selected Option:  statistical quality control - 1.0  Correct Answer:  statistical quality control | |
| 22 | |  | | --- | | **Please read the question carefully and choose the most appropriate option. The INNER JOIN clause…** | | Selected Option:  returns all rows that have matching value in the field on which the 2 tables are joined. - 1.0  Correct Answer:  returns all rows that have matching value in the field on which the  2 tables are joined. | |

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| 23 | |  | | --- | | **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?** | | Selected Option:  Only statement 1 - 1.0  Correct Answer:  Only statement 1 | |
| 24 | |  | | --- | | **Please read the question carefully and choose the most appropriate option. ON UPDATE CASCADE ensures which of the following?** | | Selected Option:  data Integrity - 1.0  Correct Answer:  data Integrity | |

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| 25 | |  | | --- | | **Please read the question carefully and choose the most appropriate option. Which of the following is valid SQL for an Index?** | | Selected Option:  CREATE INDEX ID; - 1.0  Correct Answer:  CREATE INDEX ID; | |
| 26 | |  | | --- | | **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** | | Selected Option:  true - 1.0  Correct Answer:  true | |

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| 27 | |  | | --- | | **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.** | | Selected Option:  false - 1.0  Correct Answer:  false | |
| 28 | |  | | --- | | **Please read the question carefully and choose the most appropriate option. Test data preparation data is done during \_\_\_\_\_\_\_\_\_ ?** | | Selected Option:  Test Execution process - 0.0  Correct Answer:  Test Development process | |

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| 29 | |  | | --- | | **Please read the question carefully and choose the most appropriate option. Which of the following can add a row to a table?** | | Selected Option:  Insert - 1.0  Correct Answer:  Insert | | |
| 30 | |  | | --- | | **Please read the question carefully and choose the most appropriate option. Which clause should you use to exclude group results?** | | Selected Option:  HAVING - 1.0  Correct Answer:  HAVING | | |
| 1 | | |  | | --- | | **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?** | | Selected Option:  Both statement 1 and statement 2 - 1.0  Correct Answer:  Both statement 1 and statement 2 | |
| 2 | | |  | | --- | | **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?** | | Selected Option:  Outer join - 1.0  Correct Answer:  Outer join | |

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| 3 | |  | | --- | | **Please read the question carefully and choose the most appropriate option.**  **Which of the following statements is/are true?** | | Selected Option:  Test case includes the steps to execute. - 0.5  Test case includes the method of how the test would be performed. - 0.5  Correct Answer:  Test case includes the steps to execute.  Test case includes the method of how the test would be performed. | |
| 4 | |  | | --- | | **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?** | | Selected Option:  1959, 1960, 1961, 1994, 1995, 1996 - 1.0  Correct Answer:  1959, 1960, 1961, 1994, 1995, 1996 | |

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| 5 | |  | | --- | | **Carefully read the question and answer accordingly. Informational cohesion is a realization of** | | Selected Option:  data abstraction - 1.0  Correct Answer:  data abstraction | |
| 6 | |  | | --- | | **Carefully read the question and answer accordingly. Which of the following tasks is not part of software configuration management?** | | Selected Option:  statistical quality control - 1.0  Correct Answer:  statistical quality control | |

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| 7 | |  | | --- | | **Carefully read the question and answer accordingly. Project risk factor is considered in** | | Selected Option:  Spiral - 1.0  Correct Answer:  Spiral | |
| 8 | |  | | --- | | **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.** | | Selected Option:  false - 1.0  Correct Answer:  false | |

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| 9 | |  | | --- | | **Please read the question carefully and choose the most appropriate option. In the relational model, relationships between relations or tables**  **are created by using:** | | Selected Option:  foreign keys. - 1.0  Correct Answer:  foreign keys. | |
| 10 | |  | | --- | | **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.** | | Selected Option:  true - 1.0  Correct Answer:  true | |

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| 11 | |  | | --- | | **Please read the question carefully and choose the most appropriate option.**  **In causal analysis which attributes among below assist in analyzing the effect?** | | Selected Option:  Cause - 0.5  Reason - 0.5  Correct Answer:  Cause  Reason | |
| 12 | |  | | --- | | **Carefully read the question and answer accordingly. The incremental model of software development is** | | Selected Option:  A good approach when a working core product is required quickly - 1.0  Correct Answer:  A good approach when a working core product is required quickly | |

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| 13 | |  | | --- | | **Carefully read the question and answer accordingly. If Quality Control and Quality Assurance are compared** | | Selected Option:  QC is a higher activity in the management Hierarchy - 1.0  Correct Answer:  QC is a higher activity in the management Hierarchy | |
| 14 | |  | | --- | | **Please read the question carefully and choose the most appropriate option. Which of the following SQL statements is correct?** | | Selected Option:  SELECT CustomerName, COUNT(CustomerName) FROM Orders  GROUP BY CustomerName - 1.0  Correct Answer:  SELECT CustomerName, COUNT(CustomerName) FROM Orders GROUP  BY CustomerName | |

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| 15 | |  | | --- | | **Carefully read the question and answer accordingly. A new \_\_\_\_\_\_\_\_\_\_ is defined when major changes have been made to one or more configuration objects.** | | Selected Option:  version - 1.0  Correct Answer:  version | |
| 16 | |  | | --- | | **Please read the question carefully and choose the most appropriate option. A table can have more than one UNIQUE key constraint. True or False?** | | Selected Option:  true - 1.0  Correct Answer:  true | |

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| 17 | |  | | --- | | **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.** | | Selected Option:  true - 1.0  Correct Answer:  true | |
| 18 | |  | | --- | | **Please read the question carefully and choose the most appropriate option.**  **Which of the given options is TRUE about LIKE clause?** | | Selected Option:  Both the statements given - 1.0  Correct Answer:  Both the statements given | |

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| 19 | |  | | --- | | **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?** | | Selected Option:  UPDATE employees SET first\_name = 'John', last\_name ='Smith' WHERE employee\_id = 180; - 1.0  Correct Answer:  UPDATE employees  SET first\_name = 'John', last\_name ='Smith'  WHERE employee\_id = 180; | |
| 20 | |  | | --- | | **Carefully read the question and answer accordingly. Which is not the responsibility of customer/ user of the software** | | Selected Option:  Prepare resource plan - 1.0  Correct Answer:  Prepare resource plan | |

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| 21 | |  | | --- | | **Please read the question carefully and choose the most appropriate option. Which of the given options are TRUE regarding 'Constraints'?** | | Selected Option:  All listed options - 1.0  Correct Answer:  All listed options | |
| 22 | |  | | --- | | **Carefully read the question and answer accordingly. Software Engineering approach is used to achieve** | | Selected Option:  Quality software product - 1.0  Correct Answer:  Quality software product | |

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| 23 | |  | | --- | | **Carefully read the question and answer accordingly. Variation control in the context of software engineering involves controlling**  **variation in the** | | Selected Option:  All of the listed options - 1.0  Correct Answer:  All of the listed options | |
| 24 | |  | | --- | | **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** | | Selected Option:  false - 1.0  Correct Answer:  false | |

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| 25 | |  | | --- | | **Please read the question carefully and choose the most appropriate option. SQL can be used to:** | | Selected Option:  All the listed operation can be done by SQL. - 1.0  Correct Answer:  All the listed operation can be done by SQL. | |
| 26 | |  | | --- | | **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.** | | Selected Option:  false - 1.0  Correct Answer:  false | |

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| 27 | |  | | --- | | **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?** | | Selected Option:  Only statement 1 - 1.0  Correct Answer:  Only statement 1 | |
| 28 | |  | | --- | | **Please read the question carefully and choose the most appropriate option. The INNER JOIN clause…** | | Selected Option:  returns all rows that have matching value in the field on which the 2 tables are joined. - 1.0  Correct Answer:  returns all rows that have matching value in the field on which the 2 tables are joined. | |

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| 29 | |  | | --- | | **Please read the question carefully and choose the most appropriate option. Which is not a major task of test implementation and execution?** | | Selected Option:  Checking test logs against the exit criteria specified in test planning - 1.0  Correct Answer:  Checking test logs against the exit criteria specified in test planning | |
| 30 | |  | | --- | | **Please read the question carefully and choose the most appropriate option. Which clause should you use to exclude group results?** | | Selected Option:  HAVING - 1.0  Correct Answer:  HAVING | |
| 1 | |  | | --- | | **Carefully read the question and answer accordingly. What exactly Baseline means** | | Selected Option:  None of the listed options - 0.0  Correct Answer:  A quantitative measure of the current level of performance | |
| 2 | |  | | --- | | **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.** | | Selected Option:  false - 1.0  Correct Answer:  false | |

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| 3 | |  | | --- | | **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?** | | Selected Option:  Both statement 1 and statement 2 - 1.0  Correct Answer:  Both statement 1 and statement 2 | |
| 4 | |  | | --- | | **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?** | | Selected Option:  None of the listed options - 0.0  Correct Answer:  Only statement 1 | |

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| 5 | |  | | --- | | **Please read the question carefully and choose the most appropriate option. The \_\_\_\_\_\_\_\_\_\_\_ join is the ANSI-standard syntax used to generate a Cartesian product.** | | Selected Option:  CROSS - 1.0  Correct Answer:  CROSS | |
| 6 | |  | | --- | | **Please read the question carefully and choose the most appropriate option. Test data preparation data is done during \_\_\_\_\_\_\_\_\_ ?** | | Selected Option:  Test condition defining process - 0.0  Correct Answer:  Test Development process | |

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| 7 | |  | | --- | | **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** | | Selected Option:  true - 0.0  Correct Answer:  false | |
| 8 | |  | | --- | | **Carefully read the question and answer accordingly. Software Engineering approach is used to achieve** | | Selected Option:  Quality software product - 1.0  Correct Answer:  Quality software product | |

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| 9 | |  | | --- | | **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?** | | Selected Option:  Only statement 1 - 0.0  Correct Answer:  Both statement 1 and statement 2 | |
| 10 | |  | | --- | | **Carefully read the question and answer accordingly. If requirements are frequently changing, which model is best suited** | | Selected Option:  Spiral - 0.0  Correct Answer:  Prototype | |

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| 11 | |  | | --- | | **Please read the question carefully and choose the most appropriate option. Which clause should you use to exclude group results?** | | Selected Option:  WHERE - 0.0  Correct Answer:  HAVING | |
| 12 | |  | | --- | | **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.** | | Selected Option:  false - 1.0  Correct Answer:  false | |

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| 13 | |  | | --- | | **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?** | | Selected Option:  Reopen, Fixed, Closed - 1.0  Correct Answer:  Reopen, Fixed, Closed | |
| 14 | |  | | --- | | **Carefully read the question and answer accordingly. Which of these is a graphical notation for depicting procedural detail** | | Selected Option:  process diagram - 0.0  Correct Answer:  flowchart | |

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| 15 | |  | | --- | | **Please read the question carefully and choose the most appropriate option. Which of the given options are TRUE about TCL?** | | Selected Option:  All listed options - 1.0  Correct Answer:  All listed options | |
| 16 | |  | | --- | | **Carefully read the question and answer accordingly. Project risk factor is considered in** | | Selected Option:  All of the listed options - 0.0  Correct Answer:  Spiral | |

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| 17 | |  | | --- | | **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.** | | Selected Option:  false - 1.0  Correct Answer:  false | |
| 18 | |  | | --- | | **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”?** | | Selected Option:  CREATE DATABASE student - 1.0  Correct Answer:  CREATE DATABASE student | |

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| 19 | |  | | --- | | **Please read the question carefully and choose the most appropriate option. The result of a SELECT statement can contain duplicate rows.** | | Selected Option:  true - 1.0  Correct Answer:  true | |
| 20 | |  | | --- | | **Carefully read the question and answer accordingly. The work products produced during requirement elicitation will vary** | | Selected Option:  software process being used - 0.0  Correct Answer:  size of the product being built | |

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| 21 | |  | | --- | | **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** | | Selected Option:  false - 0.0  Correct Answer:  true | |
| 22 | |  | | --- | | **Carefully read the question and answer accordingly. The object relationship pair of data model is represented graphically by using** | | Selected Option:  All of the listed options - 0.0  Correct Answer:  Entity relationship diagram | |

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| 23 | |  | | --- | | **Carefully read the question and answer accordingly. The Prototype is a** | | Selected Option:  Working model of existing system - 1.0  Correct Answer:  Working model of existing system | |
| 24 | |  | | --- | | **Please read the question carefully and choose the most appropriate option. For a given set of boundaries, how many boundary values are possible?** | | Selected Option:  6 - 1.0  Correct Answer:  6 | |

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| 25 | |  | | --- | | **Please read the question carefully and choose the most appropriate option. We refer to a join as a self-join when?** | | Selected Option:  we are joining table to itself - 1.0  Correct Answer:  we are joining table to itself | |
| 26 | |  | | --- | | **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?** | | Selected Option:  50 - 1.0  Correct Answer:  50 | |

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| 27 | |  | | --- | | **Please read the question carefully and choose the most appropriate option. Which of the following map the corresponding phases from SDLC with STLC.** | | Selected Option:  Requirement Analysis - Test Planning Design and Code - Test Design Testing - Unit Testing - 0.0  Correct Answer:  Requirement Analysis - Test Planning  Design and Code - Test Design  Testing - Component Integration testing and System testing | |
| 28 | |  | | --- | | **Please read the question carefully and choose the most appropriate option. The main reason that constraints are added to a table is:** | | Selected Option:  Constraints ensure data integrity - 1.0  Correct Answer:  Constraints ensure data integrity | |

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| 29 | |  | | --- | | **Carefully read the question and answer accordingly.**  **What is configuration management in software engineering** | | Selected Option:  the identification of the configuration of a system at discrete points in time to control changes to the configuration - 1.0  Correct Answer:  the identification of the configuration of a system at discrete points  in time to control changes to the configuration | |
| 30 | |  | | --- | | **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.** | | Selected Option:  true - 1.0  Correct Answer:  true | |
| 1 | |  | | --- | | **Please read the question carefully and choose the most appropriate option.**  **What are the possible causes for ending up into 0.1 % defective application?** | | Selected Option:  Defective code - 0.25  Misunderstood requirements - 0.25  Less knowledge on development language - 0.0  Developers tend to neglect test approach to the developed product. - 0.25  Correct Answer:  Developers tend to neglect test approach to the developed product.  Defective code  Lack of domain knowledge  Misunderstood requirements | |
| 2 | |  | | --- | | **Please read the question carefully and choose the most appropriate option. What is true about joining tables through an equijoin?** | | Selected Option:  All listed options - 0.0  Correct Answer:  You can join n tables (all having single column primary keys) in a SQL  statement by specifying a minimum of n-1 join conditions. | |

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| 3 | |  | | --- | | **Please read the question carefully and choose the most appropriate option.**  **Which of the given options is TRUE about LIKE clause?** | | Selected Option:  Both the statements given - 1.0  Correct Answer:  Both the statements given | |
| 4 | |  | | --- | | **Please read the question carefully and choose the most appropriate option. We derive \_\_\_\_\_\_\_\_\_ by using the test design techniques** | | Selected Option:  Test case - 1.0  Correct Answer:  Test case | |

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| 5 | |  | | --- | | **Carefully read the question and answer accordingly. A data model consists of the following information** | | Selected Option:  All of the listed options - 1.0  Correct Answer:  All of the listed options | |
| 6 | |  | | --- | | **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.** | | Selected Option:  true - 1.0  Correct Answer:  true | |

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| 7 | |  | | --- | | **Please read the question carefully and choose the most appropriate option. Which clause should you use to exclude group results?** | | Selected Option:  HAVING - 1.0  Correct Answer:  HAVING | |
| 8 | |  | | --- | | **Please read the question carefully and choose the most appropriate option. DDL part of SQL does which of the following?** | | Selected Option:  All listed options - 1.0  Correct Answer:  All listed options | |

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| 9 | |  | | --- | | **Please read the question carefully and choose the most appropriate option.**  **Which of the following statements is/are true?** | | Selected Option:  Test case includes the steps to execute. - 0.5  Test scenario define the setup to perform the tests - 0.0  Test cases are developed from Test conditions. - 0.0  Correct Answer:  Test case includes the steps to execute.  Test case includes the method of how the test would be performed. | |
| 10 | |  | | --- | | **Carefully read the question and answer accordingly. The best way to conduct a requirements validation review is to** | | Selected Option:  use a checklist of questions to examine each requirement - 1.0  Correct Answer:  use a checklist of questions to examine each requirement | |

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| 11 | |  | | --- | | **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?** | | Selected Option:  Only statement 1 - 1.0  Correct Answer:  Only statement 1 | |
| 12 | |  | | --- | | **Carefully read the question and answer accordingly. Which of these criteria are useful in assessing the effectiveness of a particular**  **design notation** | | Selected Option:  maintainability, simplicity and modularity - 1.0  Correct Answer:  maintainability, simplicity and modularity | |

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| 13 | |  | | --- | | **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.** | | Selected Option:  true - 1.0  Correct Answer:  true | |
| 14 | |  | | --- | | **Carefully read the question and answer accordingly. When software configuration management is a formal activity,**  **the software configuration audit is conducted by the** | | Selected Option:  quality assurance group - 1.0  Correct Answer:  quality assurance group | |

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| 15 | |  | | --- | | **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 \_\_\_\_\_\_\_\_\_?** | | Selected Option:  Post condition - 1.0  Correct Answer:  Post condition | |
| 16 | |  | | --- | | **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.** | | Selected Option:  true - 0.0  Correct Answer:  false | |

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| 17 | |  | | --- | | **Please read the question carefully and choose the most appropriate option.**  **Which two statements are true regarding the ORDER BY clause? (Choose two)** | | Selected Option:  The ORDER BY clause comes last in the SELECT statement. - 0.5  The sort is in ascending order by default. - 0.5  Correct Answer:  The sort is in ascending order by default.  The ORDER BY clause comes last in the SELECT statement. | |
| 18 | |  | | --- | | **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?** | | Selected Option:  Full Outer Join - 1.0  Correct Answer:  Full Outer Join | |

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| 19 | |  | | --- | | **Carefully read the question and answer accordingly. Which of these are valid software configuration items?** | | Selected Option:  software tools - 0.0  Correct Answer:  All of the listed options | |
| 20 | |  | | --- | | **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?** | | Selected Option:  Both statement 1 and statement 2 - 1.0  Correct Answer:  Both statement 1 and statement 2 | |

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| 21 | |  | | --- | | **Carefully read the question and answer accordingly. Management of software development is dependent upon** | | Selected Option:  All of the listed options - 1.0  Correct Answer:  All of the listed options | |
| 22 | |  | | --- | | **Please read the question carefully and choose the most appropriate option. The INNER JOIN clause…** | | Selected Option:  returns all rows that have matching value in the field on  which the 2 tables are joined. - 1.0  Correct Answer:  returns all rows that have matching value in the field on which  the 2 tables are joined. | |

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| 23 | |  | | --- | | **Please read the question carefully and choose the most appropriate option. Which of the following is valid SQL for an Index?** | | Selected Option:  CREATE INDEX ID; - 1.0  Correct Answer:  CREATE INDEX ID; | |
| 24 | |  | | --- | | **Carefully read the question and answer accordingly. Software Engineering approach is used to achieve** | | Selected Option:  Quality software product - 1.0  Correct Answer:  Quality software product | |

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| 25 | |  | | --- | | **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** | | Selected Option:  true - 1.0  Correct Answer:  true | |
| 26 | |  | | --- | | **Please read the question carefully and choose the most appropriate option. Which statement is used to query the database and retrieve select**  **data that match the criteria that you specify?** | | Correct Answer:  SELECT | |

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| 27 | |  | | --- | | **Carefully read the question and answer accordingly. Software safety is a quality assurance activity that focuses on hazards that** | | Correct Answer:  may cause an entire system to fail | |
| 28 | |  | | --- | | **Please read the question carefully and choose the most appropriate option.**  **Which two are true about aggregate functions?(Choose two)** | | Correct Answer: You can pass column names, expressions, constants, or functions  as parameters to anaggregate 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. | |

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| 29 | |  | | --- | | **Carefully read the question and answer accordingly. Which of these is a graphical notation for depicting procedural detail** | | Selected Option:  flowchart - 1.0  Correct Answer:  flowchart | |
| 30 | |  | | --- | | **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?** | | Selected Option:  MINUS - 1.0  Correct Answer:  MINUS | |
| 1 | |  | | --- | | **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?** | | Selected Option:  Only statement 1 - 1.0  Correct Answer:  Only statement 1 | |
| 2 | |  | | --- | | **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 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.** | | Selected Option:  a relationship between certain columns in tables - 1.0  Correct Answer:  a relationship between certain columns in tables | |

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| 3 | |  | | --- | | **Please read the question carefully and choose the most appropriate option. ON UPDATE CASCADE ensures which of the following?** | | Selected Option:  Normalization - 0.0  Correct Answer:  data Integrity | |
| 4 | |  | | --- | | **Carefully read the question and answer accordingly. Software Engineering approach is used to achieve** | | Selected Option:  Quality software product - 1.0  Correct Answer:  Quality software product | |

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| 5 | |  | | --- | | **Carefully read the question and answer accordingly. The primary purpose of configuration status reporting is to** | | Selected Option:  allow revision of project schedules and cost estimates by project managers - 0.0  Correct Answer:  make sure that change information is communicated to all affected parties | |
| 6 | |  | | --- | | **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?** | | Selected Option:  1959, 1960, 1961, 1994, 1995, 1996 - 1.0  Correct Answer:  1959, 1960, 1961, 1994, 1995, 1996 | |

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| 7 | |  | | --- | | **Please read the question carefully and choose the most appropriate option. Alternate flows can be tested by themselves (State Frue or false)** | | Selected Option:  false - 1.0  Correct Answer:  false | |
| 8 | |  | | --- | | **Please read the question carefully and choose the most appropriate option. Which clause should you use to exclude group results?** | | Selected Option:  GROUP BY - 0.0  Correct Answer:  HAVING | |

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| 9 | |  | | --- | | **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** | | Selected Option:  false - 1.0  Correct Answer:  false | |
| 10 | |  | | --- | | **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?** | | Selected Option:  Only statement 2 - 1.0  Correct Answer:  Only statement 2 | |

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| 11 | |  | | --- | | **Carefully read the question and answer accordingly. What are the qualities of a good s/w** | | Selected Option:  All of the listed options - 1.0  Correct Answer:  All of the listed options | |
| 12 | |  | | --- | | **Please read the question carefully and choose the most appropriate option. Which of the following is valid SQL for an Index?** | | Selected Option:  CREATE INDEX ID; - 1.0  Correct Answer:  CREATE INDEX ID; | |

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| 13 | |  | | --- | | **Carefully read the question and answer accordingly. Which of the items listed below is not one of the software engineering layers** | | Selected Option:  Manufacturing - 1.0  Correct Answer:  Manufacturing | |
| 14 | |  | | --- | | **Please read the question carefully and choose the most appropriate option. Which of the following can add a row to a table?** | | Selected Option:  Insert - 1.0  Correct Answer:  Insert | |

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| 15 | |  | | --- | | **Carefully read the question and answer accordingly. Which one is the most important feature of spiral model** | | Selected Option:  Risk Management - 1.0  Correct Answer:  Risk Management | |
| 16 | |  | | --- | | **Please read the question carefully and choose the most appropriate option. What is a primary key?** | | Selected Option:  The primary key is a column or combination of columns whose values uniquely identify each row in the table. - 1.0  Correct Answer:  The primary key is a column or combination of columns whose values uniquely identify each row in the table. | |

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| 17 | |  | | --- | | **Please read the question carefully and choose the most appropriate option. DDL part of SQL does which of the following?** | | Selected Option:  All listed options - 1.0  Correct Answer:  All listed options | |
| 18 | |  | | --- | | **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.** | | Selected Option:  true - 1.0  Correct Answer:  true | |

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| 19 | |  | | --- | | **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?** | | Selected Option:  Both statement 1 and statement 2 - 1.0  Correct Answer:  Both statement 1 and statement 2 | |
| 20 | |  | | --- | | **Carefully read the question and answer accordingly. In system design, we do following** | | Selected Option:  Parallel hardware and software design - 1.0  Correct Answer:  Parallel hardware and software design | |

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| 21 | |  | | --- | | **Please read the question carefully and choose the most appropriate option. State whether true or false. Selenium tools helps to develop Automated test scripts** | | Selected Option:  true - 1.0  Correct Answer:  true | |
| 22 | |  | | --- | | **Please read the question carefully and choose the most appropriate option. Which of the following is not a valid aggregate function?** | | Selected Option:  COMPUTE - 1.0  Correct Answer:  COMPUTE | |

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| 23 | |  | | --- | | **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.** | | Selected Option:  false - 1.0  Correct Answer:  false | |
| 24 | |  | | --- | | **Carefully read the question and answer accordingly.**  **Control flow diagrams are** | | Selected Option:  useful for modeling real-time systems and event driven systems - 0.0  Correct Answer:  useful for modeling real-time systems. | |

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| 25 | |  | | --- | | **Carefully read the question and answer accordingly. What exactly Baseline means** | | Selected Option:  A test or analysis conducted after an application is moved into production - 0.0  Correct Answer:  A quantitative measure of the current level of performance | |
| 26 | |  | | --- | | **Please read the question carefully and choose the most appropriate option. We refer to a join as a self-join when?** | | Selected Option:  we are joining table to itself - 1.0  Correct Answer:  we are joining table to itself | |

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| 27 | |  | | --- | | **Carefully read the question and answer accordingly. Software engineering aims at developing** | | Selected Option:  Reliable and cost effective Software - 1.0  Correct Answer:  Reliable and cost effective Software | |
| 28 | |  | | --- | | **Please read the question carefully and choose the most appropriate option. Which of the given options are TRUE?** | | Selected Option:  A subquery exists only inside of the FROM clause as a run-time - 0.0  Correct Answer:  An inline view exists only inside of the FROM clause as a run-time result set. | |

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| 29 | |  | | --- | | **Please read the question carefully and choose the most appropriate option. The \_\_\_\_\_\_\_\_\_\_\_ join is the ANSI-standard syntax used to generate a Cartesian product.** | | Selected Option:  CROSS - 1.0  Correct Answer:  CROSS | |
| 30 | |  | | --- | | **Please read the question carefully and choose the most appropriate option.**  **What are the subsequent states that a new defect can undergo?** | | Selected Option:  Deferred - 0.333  Rejected - 0.333  Correct Answer:  Rejected  Deferred  Open | |
| 1 | |  | | --- | | **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:** | | Selected Option:  DISTINCT - 1.0  Correct Answer:  DISTINCT | |
| 2 | |  | | --- | | **Carefully read the question and answer accordingly. Software engineering aims at developing** | | Selected Option:  Reliable and cost effective Software - 1.0  Correct Answer:  Reliable and cost effective Software | |

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| 3 | |  | | --- | | **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?** | | Selected Option:  None of the listed options - 0.0  Correct Answer:  Both statement 1 and statement 2 | |
| 4 | |  | | --- | | **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** | | Selected Option:  true - 1.0  Correct Answer:  true | |

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| 5 | |  | | --- | | **Carefully read the question and answer accordingly. Major component of Risk Analysis are** | | Selected Option:  The probability that the negative event will occur and The potential loss or impact associated with the event - 1.0  Correct Answer:  The probability that the negative event will occur and The potential loss or impact associated with the event | |
| 6 | |  | | --- | | **Please read the question carefully and choose the most appropriate option. Which is not a major task of test implementation and execution?** | | Selected Option:  Checking test logs against the exit criteria specified in test planning - 1.0  Correct Answer:  Checking test logs against the exit criteria specified in test planning | |

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| 7 | |  | | --- | | **Please read the question carefully and choose the most appropriate option. We refer to a join as a self-join when?** | | Selected Option:  we are joining table to itself - 1.0  Correct Answer:  we are joining table to itself | |
| 8 | |  | | --- | | **Carefully read the question and answer accordingly. Which of these criteria are useful in assessing the effectiveness of a particular**  **design notation** | | Selected Option:  modularity - 0.0  Correct Answer:  maintainability, simplicity and modularity | |

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| 9 | |  | | --- | | **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.** | | Selected Option:  false - 1.0  Correct Answer:  false | |
| 10 | |  | | --- | | **Please read the question carefully and choose the most appropriate option. For a given set of boundaries, how many boundary values are possible?** | | Selected Option:  6 - 1.0  Correct Answer:  6 | |

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| 11 | |  | | --- | | **Carefully read the question and answer accordingly. If requirements are frequently changing, which model is best suited** | | Selected Option:  Prototype - 1.0  Correct Answer:  Prototype | |
| 12 | |  | | --- | | **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.** | | Selected Option:  false - 0.0  Correct Answer:  true | |

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| 13 | |  | | --- | | **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.** | | Selected Option:  false - 1.0  Correct Answer:  false | |
| 14 | |  | | --- | | **Please read the question carefully and choose the most appropriate option.**  **Which of the statements is applicable to software testing?** | | Selected Option:  Helps prevent the defects - 0.25  Helps in identifying defects - 0.25  Helps to provide a reliable system - 0.25  Correct Answer:  Helps to provide a reliable system  Helps prevent the defects  Helps to identify completeness of the software  Helps in identifying defects | |

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| 15 | |  | | --- | | **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.** | | Selected Option:  true - 0.0  Correct Answer:  false | |
| 16 | |  | | --- | | **Carefully read the question and answer accordingly. A new \_\_\_\_\_\_\_\_\_\_ is defined when major changes have been made to one or more configuration objects.** | | Selected Option:  version - 1.0  Correct Answer:  version | |

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| 17 | |  | | --- | | **Please read the question carefully and choose the most appropriate option.**  **Test Scenarios have case specific data assigned to them (State True or False)** | | Selected Option:  false - 1.0  Correct Answer:  false | |
| 18 | |  | | --- | | **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.** | | Selected Option:  true - 1.0  Correct Answer:  true | |

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| 19 | |  | | --- | | **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.** | | Selected Option:  true - 1.0  Correct Answer:  true | |
| 20 | |  | | --- | | **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?** | | Selected Option:  Both statement 1 and statement 2 - 1.0  Correct Answer:  Both statement 1 and statement 2 | |

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| 21 | |  | | --- | | **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.** | | Selected Option:  false - 1.0  Correct Answer:  false | |
| 22 | |  | | --- | | **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.** | | Selected Option:  All of the listed options - 0.0  Correct Answer:  a software component | |

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| 23 | |  | | --- | | **Please read the question carefully and choose the most appropriate option. Which clause should you use to exclude group results?** | | Selected Option:  HAVING - 1.0  Correct Answer:  HAVING | |
| 24 | |  | | --- | | **Please read the question carefully and choose the most appropriate option. ON UPDATE CASCADE ensures which of the following?** | | Selected Option:  Materialized View - 0.0  Correct Answer:  data Integrity | |

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| 25 | |  | | --- | | **Please read the question carefully and choose the most appropriate option.**  **Which two are true about aggregate functions?(Choose two)** | | Selected Option:  You can use aggregate functions only in the column list of the SELECT clause and in the WHERE clause of a SELECT statement. - 0.0  You can mix single row columns with aggregate functions in the column list of a SELECT statement by grouping on the single row columns. - 0.5  Correct Answer:  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. | |
| 26 | |  | | --- | | **Carefully read the question and answer accordingly. Which of the following is the correct definition for DFD** | | Selected Option:  The modern version of flowchart - 0.0  Correct Answer:  The primary output of the system design phase | |

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| 27 | |  | | --- | | **Please read the question carefully and choose the most appropriate option. In the relational model, relationships between relations or tables are created by using:** | | Selected Option:  foreign keys. - 1.0  Correct Answer:  foreign keys. | |
| 28 | |  | | --- | | **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:** | | Selected Option:  ON DELETE CASCADE - 1.0  Correct Answer:  ON DELETE CASCADE | |

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| 29 | |  | | --- | | **Carefully read the question and answer accordingly. If Quality Control and Quality Assurance are compared** | | Selected Option:  QC is a higher activity in the management Hierarchy - 1.0  Correct Answer:  QC is a higher activity in the management Hierarchy | |
| 30 | |  | | --- | | **Please read the question carefully and choose the most appropriate option. Which of the following is valid SQL for an Index?** | | Selected Option:  CHANGE INDEX ID; - 0.0  Correct Answer:  CREATE INDEX ID; | |
| 1 | |  | | --- | | **Please read the question carefully and choose the most appropriate option. Which clause should you use to exclude group results?** | | Selected Option:  HAVING - 1.0  Correct Answer:  HAVING | |
| 2 | |  | | --- | | **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.** | | Selected Option:  true - 1.0  Correct Answer:  true | |

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| 3 | |  | | --- | | **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?** | | Selected Option:  UPDATE employees SET first\_name = 'John', last\_name ='Smith' WHERE employee\_id = 180; - 1.0  Correct Answer:  UPDATE employees  SET first\_name = 'John', last\_name ='Smith'  WHERE employee\_id = 180; | |
| 4 | |  | | --- | | **Carefully read the question and answer accordingly. Management of software development is dependent upon** | | Selected Option:  All of the listed options - 1.0  Correct Answer:  All of the listed options | |

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| 5 | |  | | --- | | **Please read the question carefully and choose the most appropriate option. SQL can be used to:** | | Selected Option:  All the listed operation can be done by SQL. - 1.0  Correct Answer:  All the listed operation can be done by SQL. | |
| 6 | |  | | --- | | **Please read the question carefully and choose the most appropriate option. State whether true or false. Selenium tools helps to develop Automated test scripts** | | Selected Option:  true - 1.0  Correct Answer:  true | |

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| 7 | |  | | --- | | **Carefully read the question and answer accordingly. Which of these are valid software configuration items?** | | Selected Option:  All of the listed options - 1.0  Correct Answer:  All of the listed options | |
| 8 | |  | | --- | | **Please read the question carefully and choose the most appropriate option. Alternate flows can be tested by themselves (State Frue or false)** | | Selected Option:  false - 1.0  Correct Answer:  false | |

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| 9 | |  | | --- | | **Carefully read the question and answer accordingly. Which of the following is the correct definition for DFD** | | Selected Option:  The primary output of the system design phase - 1.0  Correct Answer:  The primary output of the system design phase | |
| 10 | |  | | --- | | **Please read the question carefully and choose the most appropriate option. Which of the following is valid SQL for an Index?** | | Selected Option:  CREATE INDEX ID; - 1.0  Correct Answer:  CREATE INDEX ID; | |

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| 11 | |  | | --- | | **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** | | Selected Option:  true - 1.0  Correct Answer:  true | |
| 12 | |  | | --- | | **Carefully read the question and answer accordingly. Which of the items listed below is not one of the software engineering layers** | | Selected Option:  Manufacturing - 1.0  Correct Answer:  Manufacturing | |

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| 13 | |  | | --- | | **Please read the question carefully and choose the most appropriate option. In the relational model, relationships between relations or tables are created by using:** | | Selected Option:  foreign keys. - 1.0  Correct Answer:  foreign keys. | |
| 14 | |  | | --- | | **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** | | Selected Option:  true - 1.0  Correct Answer:  true | |

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| 15 | |  | | --- | | **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** | | Selected Option:  false - 1.0  Correct Answer:  false | |
| 16 | |  | | --- | | **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?** | | Selected Option:  Only statement 1 - 1.0  Correct Answer:  Only statement 1 | |

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| 17 | |  | | --- | | **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.** | | Selected Option:  false - 1.0  Correct Answer:  false | |
| 18 | |  | | --- | | **Carefully read the question and answer accordingly. The Prototype is a** | | Selected Option:  Working model of existing system - 1.0  Correct Answer:  Working model of existing system | |

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| 19 | |  | | --- | | **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?** | | Selected Option:  Only statement 2 - 1.0  Correct Answer:  Only statement 2 | |
| 20 | |  | | --- | | **Please read the question carefully and choose the most appropriate option.**  **What are the subsequent states that a new defect can undergo?** | | Selected Option:  Open - 0.333  Fixed - 0.0  Deferred - 0.333  Correct Answer:  Rejected  Deferred  Open | |

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| 21 | |  | | --- | | **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?** | | Selected Option:  SELECT - 1.0  Correct Answer:  SELECT | |
| 22 | |  | | --- | | **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?** | | Selected Option:  Only statement 2 - 1.0  Correct Answer:  Only statement 2 | |

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| 23 | |  | | --- | | **Carefully read the question and answer accordingly. In system design, we do following** | | Selected Option:  Parallel hardware and software design - 1.0  Correct Answer:  Parallel hardware and software design | |
| 24 | |  | | --- | | **Please read the question carefully and choose the most appropriate option. For a given set of boundaries, how many boundary values are possible?** | | Selected Option:  6 - 1.0  Correct Answer:  6 | |

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| 25 | |  | | --- | | **Please read the question carefully and choose the most appropriate option.**  **Which of the given options is TRUE about LIKE clause?** | | Selected Option:  Both the statements given - 1.0  Correct Answer:  Both the statements given | |
| 26 | |  | | --- | | **Please read the question carefully and choose the most appropriate option. What is a primary key?** | | Selected Option:  The primary key is a column or combination of columns whose values uniquely identify each row in the table. - 1.0  Correct Answer:  The primary key is a column or combination of columns whose values uniquely identify each row in the table. | |

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| 27 | |  | | --- | | **Please read the question carefully and choose the most appropriate option. Which of the given options are TRUE?** | | Selected Option:  An inline view exists only inside of the FROM clause as a run-time result set. - 1.0  Correct Answer:  An inline view exists only inside of the FROM clause as a run-time result set. | |
| 28 | |  | | --- | | **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:** | | Selected Option:  DISTINCT - 1.0  Correct Answer:  DISTINCT | |

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| 29 | |  | | --- | | **Carefully read the question and answer accordingly. What exactly Baseline means** | | Selected Option:  A quantitative measure of the current level of performance - 1.0  Correct Answer:  A quantitative measure of the current level of performance | |
| 30 | |  | | --- | | **Please read the question carefully and choose the most appropriate option. What is true about joining tables through an equijoin?** | | Selected Option:  You can join n tables (all having single column primary keys) in a  SQL statement by specifying a minimum of n-1 join conditions. - 1.0  Correct Answer:  You can join n tables (all having single column primary keys)  in a SQL statement by specifying a minimum of n-1 join conditions. | |