***Module 1:***

***1. Types of joins -> Equijoin, inner join, left, right, full outer joins, cross join, natural, self-join, non equi join (range operators).***

***2. Cursor attribute: SQL%rowcount returns number of rows updated on last dml statement***

***3. Creation of view: Create view view\_name as (Select \* from tabe\_name);***

***4. Two types of views :simple -> performs all dml on view from single table***

***Complex -> performs certain allowed dml on view from single or many tables***

***5. Creating view only to read -> create view view\_name as ( select \* from table\_name) with read only;***

***6.***

***Column\_name number (6,2) 100 (allowed)***

***1000(allowed)***

***10001(not allowed)***

***1000.123 allowed as 1000.12***

***7. SQL CODE : Returns ERROR code***

***8. SQL ERRM: Returns ERROR messages***

***9. Exceptions: 1. Named exceptions***

***2. Predefined exceptions***

***3. User defined exceptions***

***=> %Type***

***Gets the Data type of the already declared column and assign it to the current column***

***Ex: new\_column\_name1 Table\_name.old\_column\_name%type;***

***=>Procedure***

***Positional procedure Ex: p1 (10,’a’)***

***Mixed notation procedure Ex: p1 (10, Arg2=>’a’)***

***=>Group Functions***

***Avg functions will not work with date and name columns***

***=>Cursors***

***Implicit cursor -> called automatically when only one row is to be fetched [Cursor name: SQL CURSOR]***

***Explicit cursor -> we will create this.***

*** How will you print contents of file along with line numbers -> nl***

*** Shell scripting : No of arguments passed -> $#***

***Total No of arguments passed -> $\****

***Does the last statement executed? -> $?***

*** If you find PATTERNS,HIDDEN INFORMATION simply go for DATA MINING***

***Another name for DATA MINING -> KDDB ( knowledge Discovery DataBase)***

*** OLTP ,OLAP -> Cubes***

***Multi-dimensional data ( if cube or olap comes just keep olap )***

*** Process to make all data into single format is known as STANDARDIZATION***

*** Types of Data modelling :***

***Conceptual modelling***

***Logical Data modelling -> Can be implemented by any DATA base \*(Independent of Basic Database) \****

***Physical modelling.***

*** Testing Registration form : functional testing***

*** Four options: water model fall and all… the Answer is CODE REUSE.***

*** Who can move the files along the projects -> Configuration Manager.***

*** Quality policies and objectives can be found in -> QUALITY MANUAL***

*** CUBES-> OLAP -> MULTI DIMENSIONAL DATA.***

*** 90 to 95% ALL of the Above***

*** Don’t go for none of the above.***

*** Unlimited length of data can be entered in to python variable.***

***Teradata***

***1)What are the main features of Teradata database?***

***parallel aware optimizer.***

***2)John submits a high volume of all-AMP requests. What strategy can be used to enhance parallelism in Teradata database.?***

***Use more sessions.***

***3. what is the consideration in creating primary key index?***

***Frequently used collumns.(3rd option)***

***4. create table1\_ppi-range(2002 to 2012) -> drop a range in year(2011)-> effect of Teradata alter query??***

***No range partition.***

***5.) a customer wants to continuously load data and only establish row level locking?***

***Multi load***

***6.) macro named deptdisplay with separator | (pipe) ----- ????***

1. **.LOGON localtd/tduser, pwd;**
2. **CREATE MACRO mc\_emp AS**
3. **( ECHO ’.SET SEPARATOR ’’ | ’’ ’**
4. **;SELECT \* FROM tbl\_employee;**
5. **);**
6. **EXECUTE mc\_emp;**
7. **.LOGOFF**

***7) valid method of creating stored procedures in Teradata?***

***Create***

***Begin***

***\_\_\_\_\_***

***…***

***,,,,***

***;;;;;***

***(begin should be present)***

***8) which Teradata function calculates length of a given string?***

***Characters()***

***9) how to retrieve the name and deptno for all employees who are in deptno 501 or 503???***

***\_\_\_\_\_\_\_\_\_\_Deptno IN (501,503).***

***10) Which 2 teradata symbols serve as wildcard in LIKE operator???***

***\_ and %***

***11) which join method requires spool file?***

***All joins***

***12\*) not allow the user to avoid waiting for write lock?***

***Lock row for write***

***13) create table test2(d1 date,i1 integer) -> Create empty table with same data definition???***

***Create table test1 as test2 with no data.***

***14) when a deadlock occurs what happens to Teradata query???***

***Youngest query will be aborted.***

***QLIK VIEW AND QLIK SENSE***

**1. WHAT IS THE SET EXPRESSION TO CALCULATE THE SUM OF SALES FOR EQUAL TO AND GREATER THAN 2015?**

**SUM({<YEAR={“>=2015”}>}SALES)**

**2. WHAT IS THE O/P FOR THE BELOW CODE?**

**LOAD \* INLINE [CUSTOMER ID, CUSTOMER,YEAR**

**123,ABC,2016**

**145,DBS,2018]**

**ORDER:**

**LOAD \* INLINE[ORDER DATE,CUST.ID, PRICE,QTY,YEAR**

**2/03/1998,001,23,2,2018**

**………]**

**SYNTHETIC KEY ON CUSTOMER ID AND YEAR**

**3. WHICH IS NOT TRUE ABOUT STORE STATEMENT?**

**Xlsx**

**4. Increment load is nothing but loading new or changed records. T or F?**

**TRUE**

**5. DAR refers to**

**DASHBOARDS, ANALYSIS, REPORTS**

**6. WHICH CHART IS SUITABLE FOR GIVEN SCENARIO, to compare groups of numerical data?**

**DISTRIBUTION PLOT**

**7. BINARY LOAD CAN BE USED FOR ONLY ONE APPLICATION MEANS WE CAN ONLY READ DATA FROM ONE QVW APPLICATON AND SCRIPT ALSO RESTRICTED. STATE TRUE OR FALSE**

**TRUE**

**8. LOAD \* INLINE [CUSTOMER ID, CUSTOMER,YEAR**

**123,ABC,2016**

**145,DBS,2018]**

**ORDER:**

**LOAD \* INLINE[ORDER DATE,CUST.ID, PRICE,QTY,YEAR**

**2/03/1998,001,23,2,2018**

**………]**

**LOADED AS SEPARATE TABLES**

**9. WHICH IS NOT TRUE ABOUT BAR CHART?**

**ONE DIMENSION WITH TOTAL**

**10. SCRAMBLING TAB IS ONLY AVAILABLE WHEN WORKING WITH?**

**ADMIN**

**11. WHICH IS TRUE REGARDING THE BELOW MENTIONED SNIPPET?**

**SELECT \* FROM REGION**

**JOIN REGION CONTEXT**

**ON REGION.REGIONID…….**

**ALL ARE TRUE**

**12. WHICH IS NOT A QUALIFYING TYPE OF JOIN?**

**MID**

**13. WHICH IS THE GOOD METHOD FOR GATHERING INFORMATION?**

**ALL THE ABOVE**

**14. WHICH OF THE FOLLOWING IS ACCEPTABLE DATA CONFIGURATION FOR HISTOGRAM?**

**1 FIELD**

**15. GENERAL SCRIPT REQUIRES PASSWORD TO BE SET? T OR F?**

**FALSE**

**16. CIRCULAR REFERENCE(LOOPS) IN A DATA STRUCTURE, THE TABLES ARE ASSOCIATED IN SUCH A WAY THAT THERE IS MORE THAN ONE PATH OF ASSOCIATION BETWEEN 2 FIELDS…**

**TRUE**

**17. IF MONTHYEAR FIELD IS NOT PROVIDED IN THE DATA MODEL BUT THE INDIVIDUAL MONTH AND YEAR FIELDS ARE PROVIDED. HOW WILL YOU DISPLAY MONTHYEAR?**

**USE CALCULATED DIMENSION**

**18. 3 MAIN COMPONENTS OF QLIK SENSE APPLICATION ARE**

**DATA, SHEETS, STORIES**

**19. WHAT ARE THE CAPABILITIES PROVIDED BY SELECTION BAR?**

**CLEAR ALL SELECTION**

**20. TYPE OF QLIK VIEW OBJECT CANNOT BE CONFIGURED WITH ANY TRIGGER ACTION**

**LIST BOX**

**DATASTAGE:**

**1)HOW TO HANDLE NULL VALUES**

**ANS) TRANSFORMER, SEQ FILES, MODIFY, ODBC.**

**2)WHERE DO YOU FIND MULTIPLE JOB COMPILE**

**ANS) IN DIRECTOR CLIENT.**

**3)HOW DO WE RUN MULTIPLE JOBS AT COMMAND LINE**

**ANS) dsjob -run.**

**4)FEATURE OF DATASTAGE AND HOW**

**ANS) PARALLELISM USING PIPELINING AND PARTITIONING.**

**5)WHILE READING 100 ROWS DATA FROM INPUT, ONLY 90 ROWS ARE COMING OUT FROM TRANSFORMER. HOW TO GET REMAINING 10 ROWS.**

**ANS) Reject link**

**6)IN SEQUENTIAL FILE, THERE IS A PROPERTY OF REJECT MODE. WHAT VALUE WILL ALLOW REJECTED OUTPUT.**

**ANS) OUTPUT.**

**7)TWO TYPES OF EXECUTION MODE:**

**ANS) PARALLEL, SEQUENTIAL**

**8)THERE IS A STAGE WHICH HOLDS DATA WITH OUT CHANGING, WITH OUT PARTITIONING.**

**ANS) DATASET STAGE.**

**9)IF WE WANT TO PUT THE DATA IN A SORTING ORDER INTO A SEQUENTIAL FILE BASED ON THE EMPLOYEE ID**

**ANS) SORT MERGE ON EMPLOYEE ID.**

**10)WHERE DO YOU FIND ENVIRONMENTAL VARIABLES IN PROJECT.**

**ANS) ADMINISTRATOR**

**11)WHERE DO U FIND BUGS**

**ANS) DIRECTOR.**

**12)WHERE D U FIND JOB STATUS.**

**ANS) DIRECTOR**

**QPA AND DATAMODELING:**

**1)WHERE DO YOU FIND QMS (QUALITY POLICIES AND OBJECTIVES) IN A COMPANY**

**ANS) QUALITY MANUAL**

**2)IN PROJECT , TESTING,DESIGNING,ANALYTICS AND DEVELOPMENT FOLDER GETS CREATED AND ONE PERSON WHO MOVES THE FILE ACROSS IS**

**ANS) CONFIGURATION MANAGER**

**3)IF SOMEBODY ASKS TO TEST REGISTRATION FORM WHAT TYPE OF TEST DO U PREFER**

**ANS)FUNCTIONIONAL TESTING.**

**4)CUBE IS RELATED TO**

**ANS) OLAP AND MULTIDIMENSIONAL DATA.**

**5)IN PROJECT SDLC, PROTOTYPING,WATER FALL**

**ANS) CODE REUSE**