

# SQL

**1:Which of the following statement about the creation of views in SQL Server is true?**

- A) A statement within views may include the keywords ORDER BY, COMPUTE, COMPUTE BY, and INTO.
- B) Views can reference temporary tables.
- C) Views cannot execute stored procedures.
- D) Views can reference more than 1024 columns.

**2:Evaluate the below code Select empno,ename,dname from emp e,dept d where e.deptno=d.deptno is same as that of:**

- A) Select empno,ename,dname from emp e full outer join dept d on e.deptno=d.deptno
- B) Select empno,ename,dname from emp e l CharitharthReddy.Venumbaka@cognizant.com left outer join dept d on e.deptno=d.deptno
- C) Select empno,ename,dname from emp e inner join dept d on e.deptno=d.deptno
- D) Select empno,ename,dname from emp e self join dept d on e.deptno=d.deptno
- E) Select empno,ename,dname from emp e right outer join dept d on e.deptno=d.deptno

(Or)

Select column name from table t1 table t2 where (t1.id=t2.id)

Ans: [select col name from table t1 inner join table t2 on t1.id=t2.id](#)

**3:Constraints can be applied at table level only... True/False**

**4:Complete the following statement**

                     Integrity preserves the defined relationships between tables when rows are entered or deleted.

- A) Domain
- B) Referential
- C) User-Defined
- D) Entity

**5:Which of the following code is invalid?**

- A) [Select \\* from \(Select \\* from emp\\_master\)](#)
- B) Select \* from (Select \* from emp\_master)e
- C) Select empno,ename,(Select dname from Department\_Master d where d.deptno=e.deptno) from emp\_master e
- D) Select empno,ename from emp\_master e where deptno in (select deptno from Department\_Master d)

**6:following is the stucture for table Emp : Create table EMP( EID int,ENAME varchar(20),ESAL int) To insert data which option is incorrect?**

- A) insert into EMP values (1,'A',null)
- B) insert into EMP(ename,empno) values ('A',1)
- C) [insert into EMP values \(1,'A','null'\)](#)
- D) insert into EMP(empno,empname) values (1,'A')

**7:Composite primary key can be specified while creating the tables through table level constraint. True/False**

8: Which of the following options ensure that all attributes in a relation are expected to be in their most atomic state only?

- A) 1NF
- B) 2NF
- C) 4NF
- D) 3NF
- E) BCNF

9) Which one ensures that in a relation all attributes must be atomic and every non key attribute is fully functionally dependent on key attribute for its existence?

- a) 1NF b) 2NF c) 3NF d) 4NF e) BCNF

10) 3NF means if there exists  $p(a,b)$  as a primary key on a relation  $R(a,b,c,d,e)$  then apart from all prior conditions being satisfied.

- A) It should not happen that c identifies d
- B) It may happen that c identifies d
- C) It should not happen that c identifies b
- D) It must happen that c identifies b

11) Which out of the following data types are not allowed to be used in procedures?

- A) smalldatetime
- B) BLOB
- C) datetime
- D) XML

12) Which of the following is not true with Sub queries?

- A) They can be applied in the expression list of select statement
- B) They can be applied in "order by" clause
- C) They can be applied in "having" clause
- D) They can be applied in the "from" clause

13) Which one of the following are not DDL statement?

- A) TRUNCATE
- B) ALTER
- C) USE
- D) identity

14) Which of the following is true about sub query?

- A) sub queries can be written only in where clause
- B) dependency of inner query on outer query is required only in case of co-related sub queries
- C) inner query can return only one value
- D) sub queries cannot be used in select statement
- E) inner query is always dependent on outer query for its execution

15) Which TWO of the following are features of a local temporary stored procedure?

- A) It is automatically deleted when the connection is closed.
- B) It is similar to an inline User defined function.
- C) It can be executed only by the connection that created it.
- D) It can be executed from other server connections also.

16) Complete the following \_\_\_\_\_ integrity defines a row as a unique entity for a particular table.

- A)Referential
- B)Domain
- C)Entity
- D)User-Defined

17) In CLR functions for which two datatypes, default value cannot be specified ?

- A)char
- B)Varchar(MAX)
- C)XML
- D)VarBinary(Max)

18) Which of the following code is invalid?

- A)Select empno,ename,deptno from emp\_master e where deptno in (select top 5 deptno from Department\_Master d order by deptno)
- B)Select empno,ename,deptno from emp\_master e where deptno in (select deptno from Department\_Master d) compute count(deptno)
- C)Select distinct empno,ename from emp\_master e where deptno in (select deptno from Department\_Master d group by deptno)
- D)Select empno,ename,deptno from emp\_master e where deptno in (select deptno from Department\_Master d compute count(deptno))

19) Which of the following option only allow you to move forward from the first row of the cursor and onward?

- A)FORWARD
- B)SCROLLON
- C)FAST\_FORWARD
- D)FROWARD\_ONLY

20) Which integrity ensures the validity of entries for a specific column?

- A)Domain
- B)Entity
- C)Referential
- D)User-Defined

21) How does a subquery with EXISTS work?--checkbox

- A)The subquery functions as an existence test
- B)The subquery returns a value of TRUE or FALSE
- C)The WHERE clause of the outer query tests whether data exists in the subquery for each row of the outer subquery.
- D)The subquery returns a list of rows that match the criteria.

22) Which of the following statement is wrong about joins?

- A)applying same tables on both the sides of join keyword means self-join.
- B)while joining the tables where clause comes before on clause
- C)Combing two tables without where condition generates cartesian product
- D)there is no keyword call self-join
- E)By default outer join means left outer join

23) Constraints are useful for checking the validity of DDL operations TRUE/FALSE

24) Which one of the following table names is a temporary table that is visible only on the connection on which it was created?

- A) @@mytable
- B) #mytable
- C) ##mytable
- D) @mytable

25) On a table emp, triggers were created in the following order a) After trigger T1 b) After trigger T2 c) After trigger T3. What will be the order of execution of these triggers?

- A) T3, T2, T1
- B) T1, T2, T3
- C) T3, T1, T2
- D) T1

26) After table is created, which of the following option is true?

- A) We cannot rollback the creation
- B) None of the listed option
- C) We can rollback the creation
- D) We cannot see the table until we commit

27) Which TWO of the following are correct for indexed views?

- A) You can create only one index on a view.
- B) An indexed view is any view that has a clustered index defined on it
- C) The indexed view is a logical entity and is not materialized in the database
- D) Indexed views aid in optimizing performance

28) Parentheses are required while declaring functions even if there are no parameters in it. TRUE/FALSE

29) Which of the following option is valid as Function Type (incomplete ques)? --one option

- A) Text
- B) XML
- C) TABLE
- D) Timestamp

30) which t-sql statement directly permitted in stored procedure??

- a) create table
- b) create triggers
- c) alter procedure
- d) alter function

31) BCNF means if there exists p(a,b) as a primary key on a relation R(a,b,c,d,e), then apart from conditions of prior normal form (incomplete ques)

- A) it should not happen that c identifies b
- B) it should not happen that a identifies e
- C) it may happen that a identifies c
- D) then it must happen that d identifies b

32) The following SQL is which type of join: SELECT  
CUSTomer.CUSTOMER\_ID,ORDER.CUSTOMER\_ID, NAME,ORDER\_ID FROM  
CUSTOMER,ORDER;

- A)Equi-join
- B)Outer join
- C)Natural join
- D)Cartesian join

33) select order.colname,customer,col.order,colname from customers,order

- a)inner join
- b)natural join
- c)eqi join
- d)Cartesian

34) Which form of normalization deals with transitive dependency(incomplete ques) --checkbox

- A)4NF
- B)BCNF
- C)1NF
- D)2NF
- E)3NF

35) Which of the following command you can use to navigate-----in the cursor?(incomplete ques)

- A)SELECT
- B)READ
- C)RETRIVE
- D)FETCH

36) Which one of the following strored procedure types co-----SQL Server and begins with xp\_?(incomplete ques)

- A)User Defined
- B)Extended
- C)CLR
- D)System

37) Which out of the following options cannot be implemented---creating a table?(incomplete ques)

- A)creating table level constraint
- B)triggers
- C)identity
- D)specifying filegroup
- E)creating column level constraint

38) Which of the following statement is wrong about select s-(incomplete ques)

- A)it can have optional group by clause
- B)it compulsory needs a FROM clause
- C)it can have compute by clause irrespective of exist---by clause
- D)it can have ORDER BY clause
- E)it can have optional where clause

39) When are constraints checked on a table with INSTEAD OF ----AFTER trigger (incomplete ques)

- A)After the INsTEAD OF triggers and before the AFter trigger
- B)Before the INSTEAD OF and AFter triggers
- C)Before an INSTEAD OF trgger set to execute last-----sp\_settriggerorder
- D)After the INSTEAD OF and AFTER triggers

40) Which of the followinf helps us to create and populate a-----the data of an existing table?(incomplete ques)

- A)SELECT Except
- B)SELECT ONLY
- C)SELECT INTO
- D)SELECT \*

41) If you begin a transaction but SQL Server crashes before the transaction completes,what happens to the transaction?

- A)It is automatically rolled back
- B)it is automatically committed on loading
- C)The transaction is placed on hold until you complete it
- D)it causes a deadlock

42) Which out of the follwing can store 2GB of data?

- A)BLOB
- B)NTEXT
- C)TEXT
- D)nvarchar(max)

~~Which datatype has 2GB storage space?~~

- ~~a) BLOB b) NText c) text d) nvarchar(max)~~

43) Which out of the following is a Command to get str-----table created?(incomplete ques)

- A)sp\_cons
- B)sp\_helpconstraint
- C)sp\_helptext
- D)sp\_help
- E)sp\_sourceCode

44) Which system stored procedure is used to display all the views?

Ans: sp\_tables

45) Which of the Following stored procedurs displays the dependencies of view?

- a) sp\_help
- b) sp\_dependencies
- c) sp\_depends
- d) sp\_helpdepends

46) Which constraint ensures that values must be entered for a column?

- A) DEFAULT
- B) PRIMARY
- C) CHECK
- D) UNIQUE
- E) NOT NULL

47) which normalization requires candidate key??

- a) 1nf
- b) 2nf
- c) 3nf
- d) bcnf

48) relating tables-invalid or Not used to combine data from multiple tables?

- a) join
- b) subquery
- c) role
- d) union

49) which one u have to create with business rules???

ans: user defined

50) features of index on stored procedures (check box)

- a) only one index per stored procedure
- b) it is not saved in database
- c) it is performance optimal
- d) 2 more options

51) not a body type function

- a) internal
- b) scalar
- c) multi lined..
- d) inline

52) triggers can be nested to d maximum level Ans : 32

53) Cursor can be used up to how many levels? Ans: 32

54) subquery cannot start after a) from b) where c) expression

55) Which one of the following keyword is NOT used with T-SQL cursors?

- a. DEALLOCATE
- b. FETCH
- c. MOVE NEXT
- d. DECLARE
- e. SET

56) Ansi\_warnings is not honored when error occurs in stored procedure or functions ..? true or false.. Ans: true