

Assessment Name – SQL Final Assessment

ATTEMPTS LEFT : 1

RETAKE ASSESSMENT ([HTTPS://WINGZ.ITVEDANT.COM/INDEX.PHP/ASSIGNMENT-TEST-STUDENT/RETAKE-TEST?ID=169698](https://wingz.itvedant.com/index.php/assignment-test-student/retake-test?id=169698))

Total Questions – 50

Score – (45 / 50) 90%

1) Function of arithmetic section is to perform arithmetic operations like addition, subtraction, multiplication, and division.

- ☒ A) TRUE
☐ B) FALSE
☐ C) Can be true or false
☐ D) Can not say

1 M

2) select one of the true statement for the compiler?

- ☐ A) the input of the compiler is source program
☐ B) it translates the source code into object code as a whole
☐ C) the output of the compiler is object code
☒ D) all of above

1 M

3) The language processor which translates the program into object code as a whole is called as

- ☐ A) linker
☐ B) debugger
☒ C) compiler
☐ D) interpreter

1 M

4) translates the source code into machine language.

- ☐ A) operating system
☒ B) programming language
☒ C) language processor
☐ D) all of these

0 M

5) C, BASIC, COBOL, and Java are examples of .. language.

- ☐ A) low-level
☐ B) computer
☐ C) system programming

1 M

☒ D) high-level

- 6) which of the following is the component of a instruction? 1 M
- ☐ A) input
 - ☐ B) process
 - ☐ C) output
 - ☒ D) all of the above
- 7) Flowchart and algorithm are used for: 1 M
- ☐ A) Better programming
 - ☐ B) Easy testing and debugging
 - ☐ C) Efficient coding
 - ☒ D) All
- 8) What is an algorithm? 1 M
- ☐ A) A flowchart
 - ☐ B) A flowchart or pseudo code
 - ☐ C) A decision
 - ☒ D) Step by step instructions used to solve a problem
- 9) What is the output of the following expression?
 $12 == 6 \text{ and } 12! = 6$ 1 M
- ☐ A) True
 - ☒ B) False
 - ☐ C) -
 - ☐ D) -
- 10) What is the output of the following expression?
 $9 \% 2$ 1 M
- ☐ A) 4
 - ☐ B) 4.5
 - ☒ C) 1
 - ☐ D) 2
- 11) 1. What is the full form of SQL? 1 M
- ☐ A) Structured Query List
 - ☒ B) Structured Query Language
 - ☐ C) Sample Query Language
 - ☐ D) None of these
- 12) which command is used to create database test 1 M

- ☐ A) create test
- ☐ B) create db test
- ☒ C) create database test
- ☐ D) create table test

13) command used to delete table

1 M

- ☒ A) drop table tablename
- ☐ B) drop tablename
- ☐ C) delete table tablename
- ☐ D) remove tablename

14) command used to see all tables in database

1 M

- ☐ A) view table
- ☐ B) show table
- ☐ C) view tables
- ☒ D) show tables

15) what is default format of date datatype in sql

1 M

- ☐ A) dd-mm-yy
- ☐ B) yy-mm-dd
- ☒ C) yyyy-mm-dd
- ☐ D) dd-mm-yyyy

16) What command is used to create a new table in SQL?

1 M

- ☒ A) CREATE table
- ☐ B) BUILD table
- ☐ C) GENERATE table
- ☐ D) None of these

17) What does the following statement in SQL do? DROP TABLE student;

1 M

- ☒ A) Deletes a table called student
- ☐ B) Creates a table called student
- ☐ C) Check if there is a table called student
- ☐ D) None of the above

18) In order to sort the records according to the columns, which clause is used?

1 M

- ☐ A) HAVING
- ☐ B) GROUP BY
- ☒ C) ORDER BY
- ☐ D) None of the above

19) The query given below will not give an error. Which one of the following has to be replaced to get the desired output?

```
SELECT ID, name, dept name, salary * 1.1
```

```
WHERE instructor;
```

☒ A) Salary*1.1

0 M

☐ B) ID

☒ C) Where

☐ D) Instructor

20) The _____ clause is used to list the attributes desired in the result of a query.

☐ A) Where

1 M

☒ B) Select

☐ C) From

☐ D) Distinct

21) The wildcard in a WHERE clause is useful when?

1 M

☐ A) An exact match is necessary in a SELECT statement

☒ B) An exact match is not possible in a SELECT statement

☐ C) An exact match is necessary in a CREATE statement

☐ D) An exact match is not possible in a CREATE statement

22) Which of the following is not included in DML (Data Manipulation Language)?

1 M

☐ A) Insert

☐ B) Update

☐ C) Delete

☒ D) Alter

23) Which keyword in the UPDATE statement is used to assign values to columns?

1 M

☐ A) ASSIGN

☒ B) SET

☐ C) MARK

☐ D) GET

24) Which key declares that an index in one table is related to that in another?

1 M

☐ A) primary

☐ B) secondary

☒ C) foreign

☐ D) cross

25) What does AVG() function returns?

1 M

- ☐ A) First value of the column
- ☐ B) Last value of the column
- ☐ C) Sum of rows of the table
- ☒ D) Average value of the column

26) What does COUNT() function returns?

1 M

- ☐ A) Average value
- ☐ B) Largest value
- ☐ C) Smallest value
- ☒ D) Number of rows

27) The SQL statement: SELECT Name, COUNT(*) FROM NAME_TABLE; counts the number of name rows and displays this total in a table with a single row and a single column.

0 M

- ☒ A) True
- ☐ B) False
- ☐ C) -
- ☐ D) -

28) 'COUNT' keyword belongs to which categories in Mysql?

1 M

- ☒ A) Aggregate functions
- ☐ B) Operators
- ☐ C) Clauses
- ☐ D) All of the mentioned

29) What will be output of following code

```
SELECT SUBSTR("QWERTY",2,4)
```

0 M

- ☐ A) WER
- ☐ B) WERT
- ☒ C) WERTY
- ☐ D) ERTY

30) _____ clause is used to join tables where the column names don't match in both tables

1 M

- ☐ A) USING
- ☒ B) ON
- ☐ C) CLUB
- ☐ D) IS

31) Which join returns all records from the right table and the matching records from the left table

1 M

- ☐ A) Left Join

- ☒ B) Right Join
- ☐ C) Full Outer Join
- ☐ D) All of the above

32) _____ is a join of every row of one table to every row of another table 1 M

- ☐ A) FULL JOIN
- ☐ B) INNER JOIN
- ☒ C) CROSS JOIN
- ☐ D) SELF JOIN

33) Relation R1 has 10 tuples and 5 attributes. Relation R2 has 0 tuples and 7 attributes. When a CROSS JOIN is achieved between R1 and R2, how many tuples would the resultant set have?

- ☐ A) 28 1 M
- ☐ B) 10
- ☒ C) 0
- ☐ D) 35

34) Which join is to be used between two tables A and B when the resultant table needs rows from A and B that matches the condition and rows from A that does not match the condition?

- ☒ A) Outer Join 1 M
- ☐ B) Cross Join
- ☐ C) Inner Join
- ☐ D) None of the above

35) In inner join, result is produced by matching rows in one table with rows in another table. 1 M

- ☒ A) True
- ☐ B) False
- ☐ C) -
- ☐ D) -

36) The facility that allows nesting one select statement into another is called _____ 1 M

- ☐ A) nesting
- ☐ B) binding
- ☒ C) subquery
- ☐ D) encapsulation

37) Advantage of SQL stored procedure 1 M

- ☐ A) Maintainability
- ☐ B) Re-use of code
- ☐ C) Security

☒ D) All

38) Which statement(S) is/are incorrect 0 M

- ☒ A) Stored procedure may return a value and function must return a value.
- ☐ B) Function has only IN parameter.
- ☒ C) Try and Catch can be used with both stored procedure and function.
- ☐ D) Stored procedure has IN and OUT parameter.

39) which keywords are used to indicate start and end of the stored procedure. 1 M

- ☐ A) start,end
- ☐ B) initial,final
- ☒ C) begin,end
- ☐ D) begin, final

40) The ____ statement is used after the cursor has been declared. 1 M

- ☒ A) Open
- ☐ B) Close
- ☐ C) Begin
- ☐ D) End

41) Which of the following type of cursor supported by Mysql? 1 M

- ☐ A) Explicit
- ☐ B) Implicit
- ☒ C) Both A and B
- ☐ D) None of the Above

42) Which of the following keyword is used to end a cursor? 1 M

- ☐ A) end
- ☐ B) terminate
- ☐ C) final
- ☒ D) close

43) For which of the following are triggers not supported?

- ☐ A) delete
- ☐ B) update
- ☐ C) insert
- ☒ D) views

1 M

44) What is abc in the following MySQL statement?

CREATE TRIGGER abc (...) (...) ON def FOR EACH ROW ghi;

☒ A) trigger name

1 M

- ☐ B) table name
- ☐ C) trigger statement
- ☐ D) update statement

45) Which of the following specifies when the trigger will be executed? 1 M

- ☐ A) BEFORE
- ☐ B) AFTER
- ☐ C) INSTEAD OF
- ☒ D) All of the above

46)

Which of the following syntax is used to create a view in Mysql?

- ☐ A) create view view_name select statement. 1 M
- ☒ B) create view view_name as select statement.
- ☐ C) create view_name view as select statement.
- ☐ D) create view viewname.

47)

Consider the following view:

Create view dept as select empid,name,post from company.

Relation or table company has the following attributes:
empid,name,post,city,salary.

For the query "insert into dept(empid,name,post)values(112,'Harry','Admin');" What are the values of the attributes city and salary in the relation(table) company.

a.

- ☐ A) NOT NULL 1 M
- ☒ B) NULL
- ☐ C) 0
- ☐ D) Error statement

48) Which one is not the Clause in SELECT statement?

- ☐ A) WHERE 1 M
- ☐ B) ORDER BY
- ☒ C) HAVE
- ☐ D) HAVING

49) Which statement is TRUE about the ORDER BY Clause?

- ☒ A) In order to return the rows in a specific order, ORDER BY Clause is used. 1 M
- ☐ B) In order to group the rows, ORDER BY Clause is used.
- ☐ C) In order to select the defined groups, ORDER BY Clause is used.
- ☐ D) None of the above

50) The _____ clause is used to list the attributes desired in the result of a query.

- ☐ A) Where 1 M
- ☒ B) Select
- ☐ C) From
- ☐ D) Distinct