11. What is purpose of the SELECT sildenest in SQL7 - Retrive data it is allowed to felch data from one or more tables in a database - Fetered and sort allows filtering (where) and sorting (ORDER BY) of vesult based on speafic conditions - customized output: you an choose speaky Columns, apply functions (like SUM, COUNT) and venone Column AS 12, How Con you retrive only speaker of Colom from table? Syntosi-SELECT Column 1, Column 2 FROM table me. Example: SELECT more age from students.

But does the DISTINCT keyword do in Equ query?

The distinct keyword in Equ is used to

remove duplicate values from the yesult set.

Purpose: - 9 x Rossure the only angue vous are return form specified column.

(Eg) SELECT DISTINCT city FROM customers.

14, How would you filter-records whig WHERE clause?

you can foter Records using the WHERE Church
by specifying on condition in a SQL SELECT
Statement.

Syntase: - SELECT Column 1, Column 2 from Lable-nove Luhre Conclition:

Example: SELECT none, age FROM students where ge 7/8;

15, What are comparison corporator in SQL? give Exemples Comparison operators are used in the NHERE clouse to Compare value and filter records. Emple Description operator where oz = 18 Equal to = WHERE City ( > 'dolli' Not Equal to 1701= WHERE marks > 75 corester than > Where age <30 lesser than breater than Equal two LitterE Sohry >= 5000 2 7= less than Equal to WHERE Esop (= 3 4= 16, Aucht au logial aperator AND, OR, NOT how they used in 594? 1. AND - Returns you only if all condition are true

SELECT \* FROM amplayers NHERE oleft = 1/18 | AND Solvy > - return Row If at lest one condition true SELECT & FROM lonplayer WHERE dept = 'HR' OR det= 'IT' 3) NOT - raverse the result of a condition SELECT & FROM employed WHERE NOT dept = HP. 17, how does the LIKE OPERATOR WORK ? What do go and - mean? The like operator is used in the WHERE clause to search for a specified pattern in a column. - Wild Gords used with LIKE: 1 % (Percent Sign) - Represent Zoro, One, or mony chrotus - Ecomple

SELECT \* FROM Customen where more LIKE ARD;

2, - (underscore)

- Réperesent a single character.

Example:-SELECT \* FROM Pladucts WHERE Code LIKE P-1':

O/p:- Product 1

18, How do between and IN work for filtering Values ?

1. BETWEEN

- Filters data within a vange

- Filters data with numbers, data, test

- works with numbers, data, test

Synta:-SELECT \* FROM Student WHERE age BETWEEN 18 AND 25. - Filters data that matches any value in given list Syntax;

SELECT & FROM employeed PHERE dept 100 ("HR", "15").

19. What is difference between IS NULL and = NULL?

15 NULL :-

- Used to cleck if a Colom has no value

(Eg) SELECT & FROM STUDENTS Where small is MULL

= NULL

- Incorrect this will not work in SQL

- NULL means unknim

20, How do you sort query result using OFDER by? Low do you sort multiple columns.

The ORDER By clouse is used to soft pury results
by one or more columns

As lending;

SYNTASC:-SELECT X FROM Students ORPERBY name.

Descending:
SELECT & FROM Students ORDER BY oge DESC:

Mellijse colums;

SELECT & From students ORDER By grade DESC,