**KARUME INSTITUTE SCIENCE AND TECHNOLOGY**

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**WORK: INDIVIDUAL ASSIGMENT**

**MODULE: DATABASE**

**NTA LEVEL 6**

**QUESTION NO 1:**

With at least two (2) examples write the syntax for:-

1. SHOW table
2. RENAME table
3. TRUNCATE table
4. ALTER table
5. DROP table

**Solution**

1. Syntax of SHOW table

**SHOW TABLE;**

Example

SHOW TABLE;

1. Syntax of RENAME table

**RENAME TABLE current\_table\_name TO new\_table\_name;**

Example

RENAME TABLE customers TO clients;

RENAME TABLE manager TO employee;

1. Syntax of TRUNCATE table

**TRUNCATE TABLE table\_name;**

Example

TRUNCATE TABLE orders;

TRUNCATE TABLE product;

1. Syntax of ALTER table

**ALTER TABLE table\_name ADD COLUMN column\_name datatype;**

Example

ALTER TABLE employees ADD COLUMN phone\_number VARCHAR (20);

ALTER TABLE supplier ADD COLUMN id\_number VARCHAR (10);

1. Syntax of DROP table

**DROP TABLE table\_name;**

Example

DROP TABLE product;

DROP TABLE contractor;

**QUESTION NO 2:-**

1).UPDATE QUERY

Syntax:

**UPDADE table\_name**

**SET column1 = value1, column2 = value2 …**

**WHERE condition;**

Example

UPDATE employees

SET salary = 5000, department = ‘HR’

WHERE employee\_id = 123;

2). DELETE QUERY

Syntax:

**DELETE FROM table\_name**

**WHERE condition;**

Example

DELETE FROM customers

WHERE customer\_id = 456;

3). SORTING QUERY

Syntax:

**SELECT column1, column2, ….**

**FROM table\_name**

**ORDER BY column\_name ASC/DESC;**

Example

SELECT product\_name, price

FROM products

ORDER BY price DESC;