**Name :Vishal singh**

**Subject:DBMS**

**PRN:1132220536**

**SLIP\_20.**

MariaDB [(none)]> create database slip\_20;

Query OK, 1 row affected (0.002 sec)

MariaDB [(none)]> use slip\_20;

Database changed

MariaDB [slip\_20]> create table donor(d\_no int primary key,name varchar(20),city varchar(20));

Query OK, 0 rows affected (0.119 sec)

MariaDB [slip\_20]> desc donor;

+-------+-------------+------+-----+---------+-------+

| Field | Type | Null | Key | Default | Extra |

+-------+-------------+------+-----+---------+-------+

| d\_no | int(11) | NO | PRI | NULL | |

| name | varchar(20) | YES | | NULL | |

| city | varchar(20) | YES | | NULL | |

+-------+-------------+------+-----+---------+-------+

3 rows in set (0.025 sec)

MariaDB [slip\_20]> insert into donor values(1001,'vishal','pune');

Query OK, 1 row affected (0.056 sec)

MariaDB [slip\_20]> insert into donor values(1002,'arya','patna');

Query OK, 1 row affected (0.028 sec)

MariaDB [slip\_20]> insert into donor values(1003,'aditi','danapur');

Query OK, 1 row affected (0.089 sec)

MariaDB [slip\_20]> select \* from donor;

+------+--------+---------+

| d\_no | name | city |

+------+--------+---------+

| 1001 | vishal | pune |

| 1002 | arya | patna |

| 1003 | aditi | danapur |

+------+--------+---------+

3 rows in set (0.000 sec)

MariaDB [slip\_20]> create table blood(b\_id int primary key,b\_group varchar(20),quantity int,rhfactor varchar(20),date\_of\_collection date,d\_no int,foreign key(d\_no) references donor(d\_no));

Query OK, 0 rows affected (0.212 sec)

MariaDB [slip\_20]> desc blood;

+--------------------+-------------+------+-----+---------+-------+

| Field | Type | Null | Key | Default | Extra |

+--------------------+-------------+------+-----+---------+-------+

| b\_id | int(11) | NO | PRI | NULL | |

| b\_group | varchar(20) | YES | | NULL | |

| quantity | int(11) | YES | | NULL | |

| rhfactor | varchar(20) | YES | | NULL | |

| date\_of\_collection | date | YES | | NULL | |

| d\_no | int(11) | YES | MUL | NULL | |

+--------------------+-------------+------+-----+---------+-------+

6 rows in set (0.014 sec)

MariaDB [slip\_20]> insert into blood values(1,'o+ve',25,'A','2022-09-09',1001);

Query OK, 1 row affected (0.033 sec)

MariaDB [slip\_20]> insert into blood values(2,'o-ve',23,'B','2021-09-10',1002);

Query OK, 1 row affected (0.085 sec)

MariaDB [slip\_20]> insert into blood values(3,'a+ve',23,'C','2020-09-12',1003);

Query OK, 1 row affected (0.027 sec)

MariaDB [slip\_20]> select \* from blood;

+------+---------+----------+----------+--------------------+------+

| b\_id | b\_group | quantity | rhfactor | date\_of\_collection | d\_no |

+------+---------+----------+----------+--------------------+------+

| 1 | o+ve | 25 | A | 2022-09-09 | 1001 |

| 2 | o-ve | 23 | B | 2021-09-10 | 1002 |

| 3 | a+ve | 23 | C | 2020-09-12 | 1003 |

+------+---------+----------+----------+--------------------+------+

3 rows in set (0.001 sec)

MariaDB [slip\_20]>