**DATABASE QUERIES OF ONLINE TEST**

**DB NAME**: online test

**Creating Tables:**

**role**:

create table role(role\_id int PRIMARY KEY auto\_increment, role\_name varchar(30), role\_desc varchar(30))

**login**:

create table login(user\_id varchar(30) PRIMARY KEY,role\_id int,password varchar(30),security\_question varchar(50),security\_answer varchar(50),FOREIGN KEY (role\_id) REFERENCES role(role\_id))

**gender**:

create table gender(gender\_id int PRIMARY KEY AUTO\_INCREMENT, gender\_name varchar(30))

identity\_type:

create table identity\_type (id\_type int PRIMARY KEY AUTO\_INCREMENT, id\_name varchar(30))

**email**:

create table email (user\_id varchar(30) PRIMARY KEY, main\_email varchar(50), opt\_email varchar(50))

**identification**:

create table identification(user\_id varchar(30), id\_type int, id\_value varchar(50), FOREIGN KEY (id\_type) REFERENCES identity\_type(id\_type),PRIMARY KEY(user\_id,id\_type))

**address**:

create table address(user\_id varchar(30) PRIMARY KEY, add\_line\_1 varchar(100), district varchar(30), country varchar(30), city varchar(30), state varchar(30))

**student**:

create table student(stud\_id varchar(30) PRIMARY KEY, fname varchar(30), lname varchar(30), institute\_name varchar(50), gender\_id int, dob date, FOREIGN KEY(gender\_id) REFERENCES gender(gender\_id))

**examiner**:

create table examiner(examiner\_id varchar(30) PRIMARY KEY, fname varchar(30), lname varchar(30), gender\_id int, FOREIGN KEY(gender\_id) REFERENCES gender(gender\_id))

**e\_group**:

create table e\_group(group\_id int PRIMARY KEY AUTO\_INCREMENT, examiner\_id varchar(30), group\_name varchar(30), group\_profile\_url varchar(100), group\_desc varchar(100))

**group\_member**:

create table group\_member (group\_id int, examiner\_id varchar(30) NOT NULL, stud\_id varchar(30),PRIMARY KEY(group\_id,stud\_id), FOREIGN KEY(group\_id) REFERENCES e\_group(group\_id), FOREIGN KEY(examiner\_id) REFERENCES examiner(examiner\_id), FOREIGN KEY(stud\_id) REFERENCES student(stud\_id))

**topic**:

create table topic(topic\_id int PRIMARY KEY AUTO\_INCREMENT, group\_id int, topic\_name varchar(30), topic\_desc varchar(50), FOREIGN KEY(group\_id) REFERENCES e\_group(group\_id))

**test\_record**:

create table test\_record(stud\_id varchar(30), group\_id int, topic\_id int, FOREIGN KEY(stud\_id) REFERENCES student(stud\_id), FOREIGN KEY(group\_id) REFERENCES e\_group(group\_id), FOREIGN KEY(topic\_id) REFERENCES topic(topic\_id)

**question**:

create table question(quest\_id int PRIMARY KEY AUTO\_INCREMENT, topic\_id int, ques\_desc varchar(200), FOREIGN KEY(topic\_id) REFERENCES topic(topic\_id))

**q\_option**:

create table q\_option(quest\_id int, option\_a varchar(30), option\_b varchar(30), option\_c varchar(30), option\_d varchar(30), correct\_option varchar(10), FOREIGN KEY(quest\_id) REFERENCES question(quest\_id))

**correct**:

create table correct(stud\_id varchar(30), quest\_id int, FOREIGN KEY(stud\_id) REFERENCES student(stud\_id), FOREIGN KEY(quest\_id) REFERENCES question(quest\_id), PRIMARY KEY(stud\_id,quest\_id))