**Database Advanced Assignment (15 Q)**

**1.**Write a SQL statement to create a simple table cities including columns city\_id,city\_name and region\_id.

**2.** Write a SQL statement to create a simple table cities including columns city\_id,city\_name and region\_id which is already exists.

**3.** Write a SQL statement to create the structure of a table dup\_cities similar to cities.

**4.** Write a SQL statement to create a duplicate copy of cities table including structure and data by name dup\_cities.

**5.**Write a SQL statement to create a table cities set a constraint NULL.

**6.** Write a SQL statement to create a table named jobs including columns job\_id, job\_title, min\_salary, max\_salary and check whether the max\_salary amount exceeding the upper limit 35000.

**7.**Write a SQL statement to create a table named cities including columns city\_id, city\_name and region\_id and make sure that no cities except Italy, Gaza and Rafah will be entered in the table.

**8.**Write a SQL statement to create a table named job\_histry including columns employee\_id, start\_date, end\_date, job\_id and department\_id and make sure that the value against column end\_date will be entered at the time of insertion to the format like '--/--/----'.

**9.**Write a SQL statement to create a table named cities including columns city\_id,city\_name and region\_id and make sure that no duplicate data against column city\_id will be allowed at the time of insertion.

**10.**Write a SQL statement to create a table named jobs including columns job\_id, job\_title, min\_salary and max\_salary, and make sure that, the default value for job\_title is blank and min\_salary is 9000 and max\_salary is NULL will be entered automatically at the time of insertion if no value assigned for the specified columns.

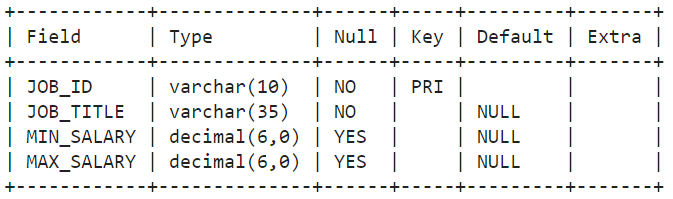
**11.**Write a SQL statement to create a table named cities including columns city\_id, city\_name and city\_id and make sure that the city\_id column will be a key field which will not contain any duplicate data at the time of insertion.

**12.**Write a SQL statement to create a table cities including columns city\_id, city \_name and region\_id and make sure that the column city\_id will be unique and store an auto incremented value.

**13.**Write a SQL statement to create a table cities including columns city\_id, city \_name and region\_id and make sure that the combination of columns city\_id and region\_id will be unique.

**14.**Write a SQL statement to create a table job\_history including columns employee\_id, start\_date, end\_date, job\_id and department\_id and make sure that, the employee\_id column does not contain any duplicate value at the time of insertion and the foreign key column job\_id contain only those values which are exists in the jobs table.

Here is the structure of the table jobs;



**15.**Write a SQL statement to create a table employees including columns employee\_id, first\_name, last\_name, email, phone\_number hire\_date, job\_id, salary, commission, manager\_id and department\_id and make sure that, the employee\_id column does not contain any duplicate value at the time of insertion and the foreign key columns combined by department\_id and manager\_id columns contain only those unique combination values, which combinations are exists in the departments table.

Assume the structure of departments table below.

