1. Write SQL Query to create following table (Student).

Fileds	Datatype	Null	Key	Default	Check	Extra
student_id	int(11)	No	Primary			Auto_Increment
name	varchar(50)	No				Unique
address	varchar(100)	No		Birtamode		
class_id	int(11)	No	Foreign			
section	varchar(50)	Yes				
Age	Int(11)	No		16	Age>=15	

Note: Foreign key references to (Class) Table.

2. Write SQL query to drop primary key from above table.
3. Write SQL query to drop foreign key from above table.
4. Write SQL query to set student id as primary key.
5. Write SQL query to set class id as foreign key.
6. Write SQL query to remove unique constraint from name.
7. Write SQL query to remove default constraint from age.
8. Write SQL query to add unique constraint to section.
9. Write SQL query to add default value 18 to age.
10. Write SQL query to change column name address to location.
11. Write SQL query to add new column email and make it not null.
12. Write SQL query to remove column section from above table.
13. Write SQL query to add new column contact and make data type as integer.
14. Write SQL query to change data type of column contact to varchar and make it unique.
15. Write SQL query to change default value of address to Kathmandu.
16. Insert five set of records in above table.
17. Write SQL query to update name and address of student whose student id is 5.
18. Write SQL query to delete all the records of student having age greater than 20.
19. Write SQL query to update age of student having address btm.
20. Write SQL query to delete all records of student having student id 1.
21. Write SQL query to select all records of student.
22. Write SQL query to select all records of student having student id 3.
23. Write SQL query to select name and address of students whose age is greater than 21.
24. Write SQL query to select student id and name of students whose address in Birtamode.
25. Write SQL query to select records of students whose class id is 5 and address is Kathmandu.
26. Write SQL query to select maximum age from above table.
27. Write SQL query to select minimum age of students whose address is Birtamode.
28. Write SQL query to find total number of students having class id 5 and age greater than 19.
29. Write SQL query to find average age of students whose class id is 4 and section is B.
30. Write SQL query to select students whose address starts with letter ‘B’.
31. Write SQL query to count those students whose name ends with letter ‘R’.
32. Write SQL query to select name and age of students whose having address btm or ktm.
33. Write SQL query to select sum of age of students having id 1,2 and 3.

34. Write SQL query to select students whose age is between 18 and 22.
35. Write SQL query to select total students of each age group.
36. Write SQL query to select class id, name and maximum age of students studying in each class.
37. Write SQL query to select student's records by arranging in descending order on the basis of student id.
38. Write SQL query to select student id and name by of students whose age is greater than 20 after arranging records in alphabetical order on the basis of name.
39. Write SQL query to select records of student whose age is maximum among all the students.
40. Write SQL query to select student id and name of student whose student id is maximum among all the students.
41. Write SQL query to select name and age of student whose age is minimum than the average age of all students.
42. Write SQL query to list all the students except 'btm & 'ktm in asc order of age.
43. Write SQL query the students who does not belong to address 'btm'.
44. Write SQLL query to display the location of 'Ram''.
45. Write SQL query to display the total information of student table along with name and location of all the students having address 'Birtamode'.
46. Create table below with appropriate data type and constraints.

Employee

Emp_Id	Name	Address	Salary	Dept_Id

Department

Dept_Id	Dept_Name	Floor

47. Use all types of joins to select employee id, name and department name of employees.
48. Select name and address of employees whose salary is between 10000 and 20000.
49. Select employee id, employee name and department name of employees working in first floor.
50. Select all records of department which are in second floor.
51. Select name, address and department name of employees which are from Birtamode.
52. Select employee id and name of employees having salary more than 10000 and from Kathmandu.
53. Select name, department name and floor of employee whose name start with letter 'R' and age is greater than 30.
54. Select employee id and department name of employees whose floor is 'first' by arranging in ascending order on the basis of salary.
55. Select total number of employee working in each department.
56. Select maximum salary of employee working in each floor and whose department is 'Finance'.
57. Select name and department name of employees whose salary is greater than average salary of all employees.
58. Select name and address of employee whore salary is between 20000 and 30000 and floor is 'second'.
59. Select name and department name employee whose age is minimum.
60. Select sum of salary of all employees whose name ends with letter 's' and department is 'Account'.