

19. Write SQL queries for the questions from (a) to (e) on the basis of table Class.

No	Name	Stipend	Subject	AvgMark	Grade
01	Vikas	1200	Medical	67	B
02	Boby	1400	Humanities	78.4	B
03	Tarun	1000	Medical	64.8	C
04	Varun	1600	Non-medical	84	A
05	Atul	1800	Non-medical	92	A

- Select all the non-medical stream students from the class table.
- List the names that have grade A sorted by stipend.
- Arrange the records of class name wise.
- List the records whose grade is B or C.
- Insert the new row with the following data. (06, 'Jack', 2800, 'Humanities', 98, 'A')

Ans. (a) `mysql> SELECT * FROM Class WHERE Subject= 'Non-medical';`

19. Consider the following table: Sales

[4]

Sale_Id	Prod_Name	Price	Discount
1101	Laptop	65000	2500
1103	Pentab	29500	1000
1105	Desktop	50000	1550
1106	Printer	12000	2000

(a) How many fields and records are there in Sales table?

(b) Write SQL commands for the following:

- Display Sale_Id and price of all products whose discount is more than 1000.
 - Display the details alphabetically by product name.
 - Display product name and sales price after deducting the discount from the price.
- Note: Sales price can be calculated as (price-discount)

19. Consider the following table ITEM NAMES :

S_No	P_Name	S_Name	Qty	Cost	City
S1	Biscuit	Priyagold	120	12.00	Delhi
S2	Bread	Britannia	200	25.00	Mumbai
S3	Chocolate	Cadbury	350	40.00	Mumbai
S4	Sauce	Kissan	400	45.00	Chennai

- (i) How many records and fields in the table ITEM NAMES?
- (ii) Write the SQL queries for
 - (a) Display all the products whose quantity in between 100 and 350.
 - (b) Display the data for all products sorted by their quantity.
 - (c) To list S_Name, P_Name, Cost for all the products whose quantity is less than 400.

19. Consider the following table ITEMS :

TABLE: ITEMS

Code	IName	Qty	Price	Company	TCode
1001	DIGITAL PAD 121	120	11000	XENITA	T01
1006	LED SCREEN 40	70	38000	SANTORA	T02
1004	CAR GPS SYSTEM	50	2150	GEOKNOW	T01
1003	DIGITAL CAMERA 12X	160	8000	DIGICLICK	T02
1005	PEN DRIVE 32 GB	600	1200	STOREHOME	T03

- (a) How many fields and records are there in the table ITEMS?
- (b) Write the SQL queries to:
- Display the detail of all the items in ascending order of item names (i.e., IName)
 - Display IName and Price of all those items, whose price is in the range of 10000 and 22000.
 - Display all the information of the items having price less than 10000.

19. Consider the following table APPLICANTS

[4]

TABLE: APPLICANTS

No.	NAME	FEE	GENDER	C_ID	JOINYEAR
1012	Amandeep	30000	M	A01	2012
1102	Avisha	25000	F	A02	2009
1103	Ekant	30000	M	A02	2011
1049	Arun	30000	M	A03	2009
1025	Amber	40000	M	A02	2011

- (i) How many records and fields are there in the table APPLICANTS.
- (ii) Write the SQL queries to:
- Display NAME, FEE, GENDER, JOINYEAR about the APPLICANTS, who have joined before 2010.
 - Display the NAMES of all APPLICANTS in ascending order of their JOINYEAR.
 - Display the NAMES of all APPLICANTS in ascending order of their JOINYEAR.

19. Consider the following table : Employee Salary.

Table : EmployeeSalary

LastName	FirstName	Dept	PayrollNumber	Salary (₹)	JobTitle
Shen	James	Finance	A621	19500	Payroll Clerk
Gupta	Shruthi	Finance	M502	35000	Accountant
Bedi	Reeta	Human Resource	M421	18500	Secretary
Walker	Tia	Sales	W815	24000	Sales Represen-tative
Shafia	Ahmed	Factory	H219	39000	Factory Manager
Mittal	Chavi	Purchasing	M134	20000	Purchasing Clerk

- (i) How many fields and records are there in the table Employee Salary
- (ii) Write the SQL queries for the following:
 - (a) List all data of table EmployeeSalary.
 - (b) Display all the records whose salary is less than 25000.
 - (c) Display the FirstName and JobTitle of employees having Dept 'Finance'.

19. Consider the following table: SummerCamp.

[4]

Table : SummerCamp

Child ID	First Name	Last Name	DOB	Gender	Group
109	Vedansh	Gupta	30/06/10	M	2A
214	Mack	Tyagi	09/12/08	M	1B
115	Aditi	Thakur	13/04/09	F	1A
108	Vikrant	Chauhan	02/02/09	M	2A
141	Swati	Saini	06/05/10	F	2B
233	Vishakha	Tyagi	01/08/10	F	3A
274	Madhur	Gupta	06/03/10	M	3B

- (i) How many fields and records are there in the table SummerCamp?
- (ii) Write SQL queries for the following:
- Display all the record of table SummerCamp whose DOB is between 02/02/09 and 06/03/10.
 - Display all the records having Gender F.
 - Display all the records according to the First Name.

Table : Employee

Emp_no	E_name	Profile	Manager	Hire_date	Salary	Commission	Dept_no
8309	SMITH	CLERK	8302	1980-12-18	8000	NULL	20
8477	ADYA	SALESMAN	8548	1991-02-20	16000	300.00	30
8521	SETH	SALESMAN	8548	1991-02-22	12500	300.00	30
8560	MAHAPVAN	MANAGER	8819	1991-04-02	29850	NULL	20
8654	MUMIN	SALESMAN	8556	1991-09-28	17500	1400.00	30
8698	SONA	MANAGER	8839	1991-05-01	28500	NULL	30

(a) How many fields and records are there in the table Employee?

(b) Write the SQL queries for the following:

- Display E name and salary of those employees whose Salary is less than or equal to 16000.
- Display details of employees who are getting commission of ₹ 300 or greater.
- Display all the details of the employee profile 'CLERK'.

19. Consider the following table: Employee

Table : Employee

Emp_no	E_name	Profile	Manager	Hire_date	Salary	Commission	Dept_no
8369	SMITH	CLERK	8902	1990-12-18	8000	NULL	20
8499	ANYA	SALESMAN	8698	1991-02-20	16000	300.00	30
8521	SETH	SALESMAN	8698	1991-02-22	12500	500.00	30
8566	MAHADEVAN	MANAGER	8839	1991-04-02	29850	NULL	20
8654	MOMIN	SALESMAN	8698	1991-09-28	12500	1400.00	30
8698	BINA	MANAGER	8839	1991-05-01	28500	NULL	30

- (a) How many fields and records are there in the table Employee?
- (b) Write the SQL queries for the following:
- Display E name and Salary of those employees whose Salary is greater than or equal to 20000.
 - Display details of employees those are not getting Commission.
 - Display all the details of the employee profile 'SALESMAN'.

19. Consider the following table PRODUCT

TABLE: PRODUCT

S_NO	P_Name	S_Name	Qty	Cost	City
S1	Biscuit	Priyagold	120	12.00	Delhi
S2	Bread	Britannia	200	25.00	Mumbai
S3	Chocolate	Cadbury	350	40.00	Mumbai
S4	Sauce	Kissan	400	45.00	Chennai

- (i) How many fields and records are there in PRODUCT table?
- (ii) Write SQL queries for the following:
 - (a) Display all Products whose Qty is between 100 and 400.
 - (b) Display S_Name, P_Name, Cost for all the Products whose Qty is less than 300.
 - (c) Display all the records alphabetically by S_Name.

Ans. (i) There are 6 fields and 4 records in the table PRODUCT

19. Consider the following table PRODUCT

TABLE: PRODUCT

S_NO	P_Name	S_Name	Qty	Cost	City
S1	Biscuit	Priyagold	120	12.00	Delhi
S2	Bread	Britannia	200	25.00	Mumbai
S3	Chocolate	Cadbury	350	40.00	Mumbai
S4	Sauce	Kissan	400	45.00	Chennai

- (i) How many fields and records are there in PRODUCT table?
- (ii) Write SQL queries for the following:
 - (a) Display all Products whose Qty is between 100 and 400.
 - (b) Display S_Name, P_Name, Cost for all the Products whose Qty is less than 300.
 - (c) Display all the records alphabetically by S_Name.

19. Consider the following table: SHOPPE

TABLE: SHOPPE

Id	SName	Area
S001	ABC Computeronics	CP
S002	All Infotech Media	GK II
S003	Tech Shoppe	CP
S004	Geeks Tecno Soft	Nehru Place
S005	Hitech Tech Store	Nehru Place

- (i) How many fields and records are there in SHOPPE table?
- (ii) Write SQL commands for the following :
 - (a) Display Id and SName of all the shops located in Nehru Place.
 - (b) Display the details alphabetically by SName.
 - (c) Display SName of shops whose Area is CP.

Ans. (i) There are 3 fields and 5 records in the table SHOPPE