MINOR LAB EXAMINATION-2023 (SET-A)

Course Name: Database Systems Lab (BCCS-1206)

Program & Sem: B.Tech (CSE), 2nd Semester

Date: 28-04-2023 (Fri)

Time: 11:00 -1:00 PM

Instructions:

(i) Read the all questions carefully and answer accordingly

Q1. (a) Create the table in MYSQL Command shell where worker_id is primary key and department column cannot accept null values.

WORKER_ID	FIRST_NAME	LAST_NAME	SALARY	JOINING_DATE	DEPARTMENT
001	Monika	Arora	100000	2014-02-20	HR
002	Niharika	Verma	80000	2014-06-11	Admin
003	Vishal	Singhal	300000	2014-02-20	HR
004	Amitabh	Singh	500000	2014-02-20	Admin
005	Vivek	Bhati	500000	2014-06-11	Admin
006	Vipul	Diwan	200000	2014-06-11	Account
007	Satish	Kumar	75000	2014-01-20	Account
008	Geetika	Chauhan	90000	2014-04-11	Admin

(b) Write an SQL query to print details of the Workers whose FIRST_NAME contains 'a'.

(c) Write an SQL query to print details of the Workers whose FIRST_NAME ends with 'h' and contains six alphabets.

(d) Write an SQL query to print details of the Workers whose SALARY lies between 100000 and 500000.

(e) Write an SQL query to fetch the count of employees working in the department 'Admin'.

(f) Write an SQL query to fetch the no. of workers for each department in descending order.

(g) Write an SQL query to fetch the details of the worker having salary less than 2 lakh or he is an admin.

(h) Write an SQL query to add new column "Age" and take some random values.

(i) Write an SQL query to swap the salary details of Vishal and Amitabh.