KANNUR UNIVERSITY
IV SEMESTER BSc COMPUTER SCIENCE PRACTICAL EXAMINATION –DECEMBER 2021
4B07CSC LAB 3- DATABASE MANAGEMENT SYSTEM

[Tick Two questions, Write and execute both ticked questions]

TIME: 3 HOURS   MARK:20

SQL -1 Create a table Student with fields rollno, name, gender and mark with rollno as primary key and assign Suitable constraints for each attributes.

 a) Insert five records into the table

 b) Display all boy students with their name.

 c) Find the Average mark

 d) Display the rollno, name and mark of a student who got highest mark.

 e) Update the field place

SQL -2 Create a table Department with fields deptid as primary key and dname as not null. Create another table Employee with fields empid, ename, salary, deptid and DOB. Assign constraints for empid as primary key, deptid

as foreign key, ename, salary and DOB as not null.
a) Insert five records into both tables.

b) Display the employees who got salary more than Rs.6000 and less than10000

c) Create a view named empview with fileds empid, empname and DOB. Display the view

d) Display the empid and salary of all employees in descending order of their salary

e) Display the name of department with no employees

SQL -3 Create a table Depositor with fields accno as primary key, depositor_name, branch and balance. Assign suitable constraints for each attributes. Create another table Borrower with fields loan_no as primary key, accno as foreign key and amount as not null

a) Insert five records into both tables.

b) Write the queries using various group functions on amount field.

c) Display the count of depositors according to their branch

d) Display the name of customers who have an account but not loan

e) Drop the column amount from Borrower table.

Mark Distribution:
Program writing: 4+4 =8 Correct Output: 3+3   =6, Modification = 2
Record: 2 Viva: 2, Total: 20]