**SSCE PRACTICAL EXAMINATION 2022-23**

**COMPUTER SCIENCE**

**CLASS : XII MARKS: 30**

**SUBJECT CODE : 083**

**SET 1**

**LAB TEST:**

**Q1. A) Write a program to create binary file to store Rollno and Name, Search any Rollno and display name if Rollno found otherwise “Rollno not found”. (8)**

**B)Complete the following database connectivity program by writing missing statements and perform the given query. (4)**

**import \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ as sqlt # statement 1**

**mycon=sqlt.connect(host=”localhost”, user=”root”, password=”MAVmysql@123”)**

**cursor=mycon.cursor()**

**cursor.execute(\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_) # statement 2**

**cursor.execute(“use school”)**

**cursor.execute(“create table if not exists student(name char(20), age int, gender char)”)**

**cursor.execute(“insert into student(name,age,gender) values(‘{}’,{},’{}’)”.format(“akash”,17,’M’))**

**cursor.execute(“insert into student(name,age,gender) values(‘{}’,{},’{}’)”.format(“sumathy”,17,’F’))**

**cursor.execute(\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_) # statement 3**

**data=cursor.\_\_\_\_\_\_\_\_\_\_\_ # statement 4**

**for rec in data:**

**print (rec)**

**mycon.close()**

**a)complete the statement1 , by writing the name of the library/package need to import for database connectivity.**

**b)complete the statement2, by writing the sql query to create database name as “school”**

**c)Complete the statement 3, write the query to display all the records from the table “student”**

**d)Complete the statement 4, to retrieve all records from the result set.**

**Q2. Report / Practical File (7)**

**Q3. Project (8)**

**Q4.Viva Voce (3)**

**SET 2**

**LAB TEST:**

**Q1. A)Write a menu driven Python program to implement the stack of list using concepts of stacks. (8)**

**B)Complete the following database connectivity program by writing missing statements and perform the given query. (4)**

**import \_\_\_\_\_\_\_\_\_\_\_\_\_\_ as sqlt # statement 1**

**mycon=sqlt.\_\_\_\_\_\_\_\_\_\_(host=”localhost”, user=”root”, password=”MAVmysql@123”, database =”office”) #statement 2**

**cursor=mycon.cursor()**

**cursor.execute(\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_) #statement 3**

**data=cursor.\_\_\_\_\_\_\_\_\_\_\_ # statement 4**

**for rec in data:**

**print(rec)**

**mycon.close()**

**a)complete the statement1 , by writing the name of the library/package need to import for database connectivity.**

**b)complete the statement2, Write the name of the method require to create connection between python and mysql.**

**c)Complete the statement 3, write the query to display the employee name whose salary are greater than 40000 from the table employee**

**d)Complete the statement 4, to retrieve all records from the result set.**

**Q2. Report / Practical File (7)**

**Q3. Project (8)**

**Q4.Viva Voce (3)**

**Internal Examiner Observer External Examiner**