

All India Senior Secondary Certificate Examination-2023-24

School Code: 44016

Computer Science with Python (083)

Time 1½ Hours

SET C

M.M. 30

Q 1 (A) Write a Program to remove all the lines that contains letter 'a' from a text file and write them to another text file. 04

Q1 (B) Write a Program for implementation of PUSH and POP operations of stack and also display the content of the stack. 04

Interface of Python with SQL database

Q2 Consider the following Python SQL connectivity program to insert the following details 04

RollNo – integer Name – string Class – integer Marks – integer. Note the following to establish connectivity between Python and MYSQL: • Username is **root** • Password is **tiger** • The table exists in a MYSQL database **school** is **student**.

```
import mysql.connector as mysql
```

```
con1=mysql._____ (____,_____,_____,_____)
```

#Statement1

```
mycursor=_____
```

#Statement 2

```
rollno = int(input("Enter Roll No. = "))
```

```
name = int(input("Enter Name = "))
```

```
class = int(input("Enter Class = "))
```

```
marks = int(input("Enter Marks="))
```

```
_____
```

#Statement 3

```
con1._____
```

#Statement 4

Write the missing statements to complete the code:

- Statement 1 – to establish connection with database.
- Statement 2 – to form the cursor object.
- Statement 3 – to execute the query that insert RollNo, Name, Class, Marks into the table.
- Statement 4- to save the values into the table student, in school database.

Q.3 Practical File 7

Q.4 Project File 8

Q.5 Viva voce 3

(Signature)

Internal Examiner No. & Name

(Signature)

External Examiner No. & Name

