

1911000103060001-D
B.C.A (Sem-III) (PRACTICAL -306)
Examination October-2023
Practical – 306-D

Seat No:

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[Time: Five Hours]

[Max. marks: 140]

Student's Signature

- Q.1** 1. Create COLLEGE database and perform following tasks. **40**
- Create following table using SQLite and then close the connection. Student (roll_no INTEGER Primary key, name text (20), city text (20), age INTEGER)
 - Insert 10 student records for Student table.
 - Add column course and display all records of student having city Navsari and course BCA using python cursor.
 - Dump sales tables query to sql file with name student_table.sql
 - Export the Student table to CSV file and display in Python IDLE

Create a class geometry with proper members. Apply function overloading to find area of circle and triangle. (area of circle = πr^2 , area of triangle height * base / 2) **40**

- Q.3** Design a website for college with following pages **40**
- Page that contains information about courses offered
 - Page that contains information about staff
 - Login page for current student
 - Registration page for admission inquiry.
- [user bootstrap framework and apply validation where required]

OR

Build an app to create currency converter with two EditText and three CheckBox for USD, EURO, CAD options for selecting a currency, and display the converted value in a EditText. [Enter value in INR].

- Q.4** Viva+ Journal **20**