

BCSL-091 (Set-3)

CERTIFICATE IN MOBILE APPLICATION DEVELOPMENT (CMAD)

**Laboratory Course (Introduction to Database, Introduction to Android
and Programming Using Python)**

Duration : 3 hours

Maximum Marks : 75

- Note:
1. There are three sections in this paper.
 2. Each section is of 1 hour duration including the viva.
 3. Each section carries 20 marks and 5 marks are for viva voce in each section.
 4. Attempt only that part in which you are not yet successful.

SECTION A **(Introduction to Database)**

1. Create the database named 'University' then a table 'University_Records', having the following attributes. Input records 5 Universities and write a SQL code that lists all the details for a University when University ID is provided as input.

Attribute Name
Univ_Id
Univ_name
Univ_address
Year_establishment
Univ_VC

SECTION B

(Introduction to Android)

1. Develop a Calculator mobile app to perform multiplication and Division operations.

SECTION C

(Programming Using Python)

1. Write a program in python that accept a string as input and calculate the number of digits, uppercase and lowercase letters.
