

No. of Printed Pages : 3 **BCSL-091(Set-II)**

**CERTIFICATE IN MOBILE
APPLICATION DEVELOPMENT
(CMAD)**

**Term-End Practical Examination
December, 2024**

**BCSL-091(Set-II) : LABORATORY COURSE
(INTRODUCTION TO DATABASES,
PROGRAMMING USING PYTHON, INTRODUCTION
TO ANDROID)**

Time : 3 Hours

Maximum Marks : 75

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- Note :** (i) *There are three Sections in this paper.*
- (ii) *Each Section is of 1 hour duration including the viva.*
- (iii) *Each Section carries 20 marks and 5 marks for each Section are for viva-voce.*
- (iv) *Attempt only that Section(s) in which you are not yet successful.*
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Section—A**(Introduction to Databases)**

1. Create a database named 'COLLEGE', then a table 'Department' with the following attributes. Input 5 records into it and write the SQL code that lists all attributes for a given Department Code as input : 20
Attributes of 'Department' Table : Dept_Name, Dept_Code, Dept_Head, Number_of_Faculty, Number_of_Students.

Section—B**(Introduction to Android)**

2. Develop a QUIZ Mobile App. The App should display questions one after another with multiple options (each option is possible answer). Each question may have multiple options as correct answers. So, you need to select all correct options. After attempting all the 5 questions, it will display the correct score. Make assumptions wherever necessary.

[3]

Section—C

(Programming using Python)

3. Write a program in Python to find the factorial of a given number ' n ', where n is input by the user. 20

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