



RAN-2411000903011002 - C

B.C.A. (Sem. - III) Examination December - 2025

303 : Database Handling Using Python (PR) (Practical)

Time: 2 Hours]

[Total Marks: 25

સૂચના : / Instructions

- (1) ઉપરોક્ત દર્શાવેલ વિગતો ઉત્તરવહી પર અવશ્ય લખવી.
Fill up strictly the above details on your answer book.
- (2) Figures to the right indicate full marks of the question.
- (3) All questions are compulsory

Seat No.:

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Student's Signature

- Q. 1.** Write a Python script to perform the following operation on Movie. [10]
1. Create table Movie(MovieId, Title, Director, Genre, ReleaseYear)
 2. Insert atleast 10 records.
 3. Display all movies where Genre is 'Action' and ReleaseYear is between 2015 and 2021.
 4. Count the number of movies available in each Genre.
 5. Generate a Pie chart to show the number of movies per Genre.
- Q. 2.** Create a table named Library(BookID, Title, Author, Category, Price) and insert atleast 5 records. [10]
- Write the python code to do the following:
1. Export the entire table data into a CSV file named library.csv.
 2. Write a query to display all books where Price is greater than 500.
 3. Display all books whose name starts with 'B'.
 4. Dump the Library table structure into Library.sql file.
- Q. 3.** Viva-voce [05]