



RAN-2511000903011004 - D

B.C.A. (Data Science) (Sem. - III) Examination December - 2025 Advanced Worksheet and Python for Data Science and Analytics (Practical)

[Total Marks: 25

સૂચના : / Instructions

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

Seat No.:

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Student's Signature

- Q. 1.** Use the appropriate from the map(),filter() and reduce() function with lambda. **(20)**
 numbers = [2, 5, 8, 10, 13, 25, 35]
 words = ["python", "Java", "c", "machine", "deep", "learning"]

Queries

- 1) Write a script to square of each element from the above numbers.
- 2) Write the script to find the even numbers from the above numbers.
- 3) Write a code to get numbers greater than 20.

- Q. 2.** Viva + File **(05)**