



RAN-2511000903011004-E

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

Advanced Worksheet and Python For Data Science And Analytics (Practical)

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 Perform the following queries **[20]**

- 1) Convert a list of strings into uppercase using list comprehension.
words = ["python", "Java", "c++", "ruby"]
- 2) Given a sentence, create a list of the first letter of each word.
sentence = "List and Dictionary Comprehensions are powerful"
- 3) From a dictionary of student names and marks, create a new dictionary of only those who scored more than 50.
marks = {"Amit": 40, "Riya": 70, "John": 90, "Anu": 35}

Q. 2 Viva +File **[5]**