



RAN-2511000903044004 - A

S.Y.B.C.A. (NCF-NEP) (Sem. - III) Examination December - 2025

302-MDC : Statistical Analysis Using R (PR)

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 Rscript to import Make a CSV file for Library data with fields (BookID, Title, Author, Genre, Price, CopiesAvailable) [20]

1. Write R code to read the CSV file into a DataFrame named library.
Show the first five rows.
2. Write R code to filter books priced more than 500 and show their Title, Author, Price.
3. Write R code to group books by Genre and calculate the average price per genre.
4. Create a histogram for the CopiesAvailable column.

Q. 2. VIVA-VOCE [05]