



RAN-2511000903044004 - B

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.:

--	--	--	--	--	--

Student's Signature

Q. 1. Make a CSV file for Sports data with fields **[20]**

Fields : PlayerID, Name, Sport, Matches, Runs, Age, Country)

1. Write R code to read the CSV file into a DataFrame named sports.
Show the first three rows.
2. Write R code to filter players who scored more than 1000 Runs and show their Name, Sport, Runs.
3. Write R code to group players by Sport and calculate the average Runs.
4. Create a line plot showing the Runs/Points for each player.

Q. 2. VIVA-VOCE **[05]**