

Fourth Semester FYUGP Degree (Reg) Examination April  
2026

KU4VACCAP106 - R PROGRAMMING FOR DATA  
ANALYTICS

2024 Admission onwards

Time : 1.5 hours

Maximum Marks : 35

Section A

Answer any 6 questions. Each carry 2 marks.

1. What is the use of sd() function?
2. What is numeric type in R? Give an example.
3. Write an R statement to install caret package
4. How to add labels using ggplot
5. What is the use of plot() ?
6. What is variable in R?
7. What is vector in R? Give an example
8. Write an R statement to create vector with values: 10, 20, 30, and 40

Section B

Answer any 4 questions. Each carry 4 marks.

9. How to handle missing values in R?
10. Write about RStudio interface and its components
11. Write about R language Describe the steps to installing R and Rstudio
12. Draw a line plot using plot() function
13. Write an R program to find the mode of the values: 1,2,3,2,2,2,5
14. What is Data frame? Create a data frame for storing rollno, name and mark for students.

Section C

Answer any 1 questions. Each carry 7 marks.

15. Explain t-test and chi-test with example
16. Explain any 3 basic plotting functions in R with Example