

## Class Test 2

Answer the questions in the spaces provided on the question sheets. If you run out of room for an answer, continue on the back of the page.

**Name:** \_\_\_\_\_

**Roll No:** \_\_\_\_\_

**Question 1** (2 points) Store the following in a variable:

"This is poor coding. This must be done by Vector."

Then write codes to replace "Vector" with "James" and "poor" with "Excellent".

**Question 2** (4 points) Create a data frame in R that contains the following data of 5 students:

- First name (use names of your choice)
- Gender (three female and two male; indicate with F and M)
- Age (exactly three with above 18)
- CGPA (choose a value from 1 to 10)
- BATCH (use: 2020, 2021, or 2022)

Now write a one line code to find the female students of BATCH 2021 with a CGPA higher than 6.