

SRM INSTITUTE OF SCIENCE AND TECHNOLOGY
Ramapuram Campus

Department of Mathematics

Assignment – 1

Sub. Code: 18MAB101T

Date : 19 /10/2020

Sub. Name: Calculus and Linear Algebra

Max. Marks : 10

Year: I B. Tech. (Common to all branches)

Semester : I

Unit - 1

1. Find the Eigen values and Eigen vectors of the matrix $A = \begin{bmatrix} 8 & -6 & 2 \\ -6 & 7 & -4 \\ 2 & -4 & 3 \end{bmatrix}$.

* * * * *