



NATIONAL UNIVERSITY OF TECHNOLOGY, ISLAMABAD
QUIZ-II (LA AND ODE), FALL 2019
DATED: OCT. 11, 2019

Q.1 Find the values of $\gamma \in \mathbb{R}$ for which the system of equations

$$\begin{cases} x - 2\gamma y = 1 \\ 2\gamma x - y = -1 \end{cases} \quad (1)$$

is inconsistent, is consistent or has unique solution.

”Every stumble is not a fall, and every fall does not mean failure.” ~ Oprah Winfrey