

Quiz#3

KFUPM

Math& Stat

Sec#21

Name:

Sr.#

Q1 Find the equation of the plane that passes the point (3, 5, -1) and contains the line

$$x = 4 - t, y = 2t - 1, z = -3t.$$

Q2. Find and sketch the domain of the function $f(x, y) = \arcsin(x^2 + y^2 - 2)$.