

King Fahd University of Petroleum & Minerals
Department of Mathematical Sciences
MATH - 201 Semester 101 **Quiz - 2**

Name: _____ ID# _____
Section# _____

Problems.

1) Find the equation of the plane passing through the points $(2, 2, 1)$, and $(-1, 1, -1)$, and perpendicular to the plane $2x - 3y + z = 0$.

2) Find $\frac{\partial z}{\partial x}$ and $\frac{\partial z}{\partial y}$ if

$$\sin(xyz) = x + 2y + 3z$$

