

KING FAHD UNIVERSITY OF PETROLEUM AND MINERALS
DEPARTMENT OF MATHEMATICS AND STATISTICS
MATH 201
QUIZ 3

Name:

Student ID #:

Question1. Identify the surface $x + z = y^2 + z^2 - 2y - 3z + 5$.

Question2. Find and sketch the domain of the function

$$f(x, y) = \frac{\ln(x^2 + 9y^2 - 9)}{\sqrt{9 - x^2 - y^2}}.$$

Your Solution.