

NAME (PRINT CLEARLY): _____

PUID: _____

QUIZ 11
MA 16020
INSTRUCTOR: DR. ROBBINS

1. (10 points) Find the maximum and the minimum value of the function $f(x, y) = x^2 - y^2 - 2y$ subject to the constraint $x^2 + y^2 = 1$.

ANSWER: _____