Math 233-Quiz 10
April 20, 2023

Name $\qquad$
Score $\qquad$

Show all work to receive full credit. Supply explanations when necessary.

1. (10 points) Find all relative extreme values and saddle points.

$$
f(x, y)=x^{3}+y^{2}+2 x y-4 x-3 y+5
$$

