## Math 2513 – Summer 2024

## Quiz 3

| Name:   | Student ID:   |
|---|---|
| 1 – For the equation $f(x,y) = x^2 + y^3$ , find a coapproximation at the same point. (2) | onstant approximation at (1.1, -3.2). Find a linear |
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| 2 – Find the gradient of the equation f(x,y,  | $z) = 2x^2 + e^{xyz}$ . (1)                         |

