Please PRINT your name _____

No calculators, cell phones, computers, notes, etc.

Circle your answer. Make your work correct, complete and coherent.

The quiz is worth 5 points. The solutions will be posted on my website later today.

Quiz 4, October 23, 2018

Let $f(t, \alpha) = \cos(2\pi t - \alpha)$. Find $\frac{\partial f}{\partial t}$ and $\frac{\partial f}{\partial \alpha}$.

ANSWER:
$\frac{\partial f}{\partial t} = -2\pi \sin(2\pi t - \alpha)$
$\frac{\partial f}{\partial \alpha} = \sin(2\pi t - \alpha)$