

ECE-486 Spring 2008, Jan 18 Quiz

Name : _____

1. Estimate the value of $\log_{10}(2500)$. (No exact value required... just give your best guess, and indicate how accurate you think your guess is: Give your result in the form $\log_{10}(2500) \approx x \pm y$.)

$$\log_{10}(2500) \approx \underline{\hspace{2cm}} \pm \underline{\hspace{2cm}}$$

2. Evaluate:

$$\left| \frac{(1 + j)e^{j2\pi(0.3)n}}{1 + j3} \right|$$