GEN 500
Engineering System Analysis
Fall 2020

Quiz #4

Name _____   Banner ID_____

Date _____

Please show all your work to receive full credits.

The standard normal probability density function is a bell-shaped curve that can be represented as

$$f(z) = \frac{1}{\sqrt{2\pi}}\, e^{-z^2/2}$$

Use MATLAB to generate a plot of this function from $z = -5$ to 5. Label the ordinate as frequency and the abscissa as z.