

1. Plot the following signals and calculate the energy of signal using matlab.

a) $e^{-10t} u(t)$

b) $u(t) - u(t - 15)$

c) $\cos(10\pi t) u(t)u(2 - t)$

2. Plot the following signals and calculate the power of signal using matlab.

a) $(1 + e^{-5t}) u(t)$

d) $r(t) - r(t - 2)$