

ECE 466 Quiz 2

February 9, 2022

1. Is $y[n] = x[-n]$,
 - (a) Linear?
 - (b) Shift invariant?
 - (c) Causal?
 - (d) Stable?
2. The Nyquist (or critical) sampling frequency of $x(t) = \cos(250\pi t) + \sin(300\pi t)$ is:
 - (a) 300
 - (b) 250
 - (c) 550
 - (d) 600
3. All FIR systems can be described as non-recursive systems.
 - (a) True
 - (b) False