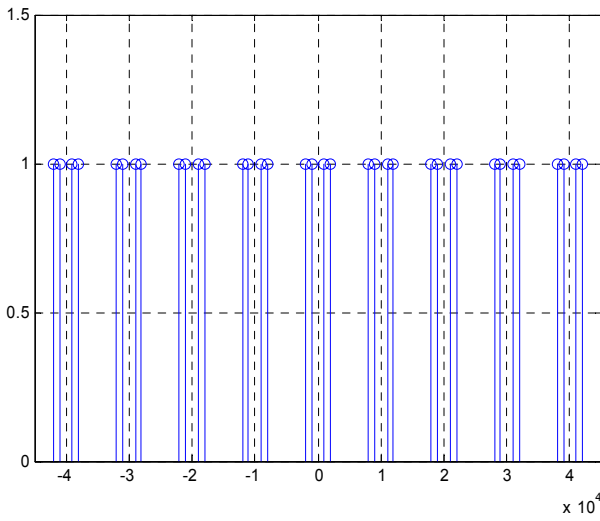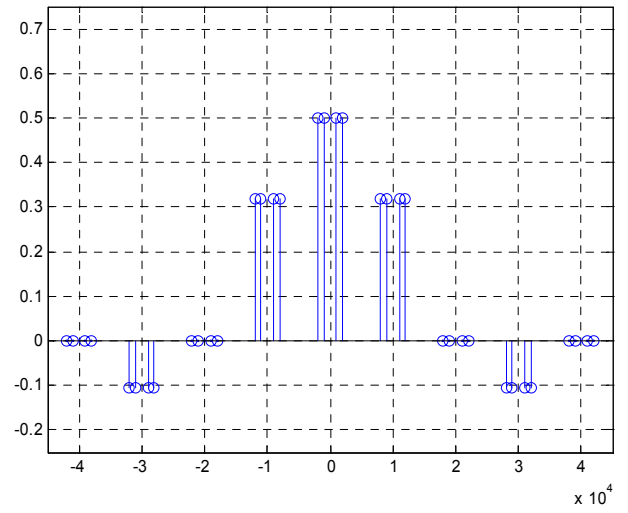**Problem 3 –** Below are the spectra of the outputs of several samplers, all sampling the same input. Below each plot list the type of sampler, its sampling rate, and duty cycle (if applicable).

Sampling Type:
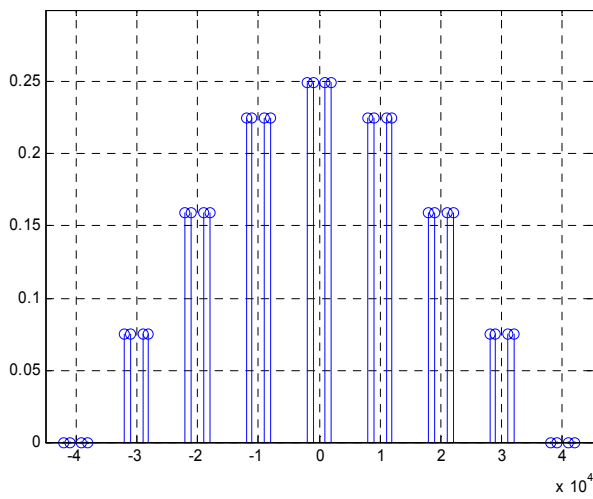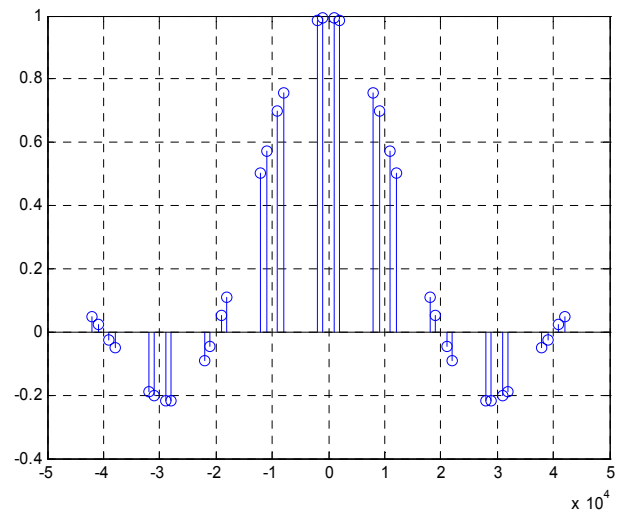
$\omega_s =$

$T/T_s =$

Sampling Type:

$\omega_s =$

$T/T_s =$

Sampling Type:

$\omega_s =$

$T/T_s =$

Sampling Type:

$\omega_s =$

$T/T_s =$