## **EE 257 Pre-Lab Preparation**

## <u>Basic Operation of a Spectrum Analyzer and Time – Frequency Domain Conversion of Signals</u>

- 1. Calculate the Fourier coefficients of the following periodic signal & then determine its power spectrum in terms of A for
  - a.  $T = 2\mu s$
  - b.  $T = 10 \mu s$

