

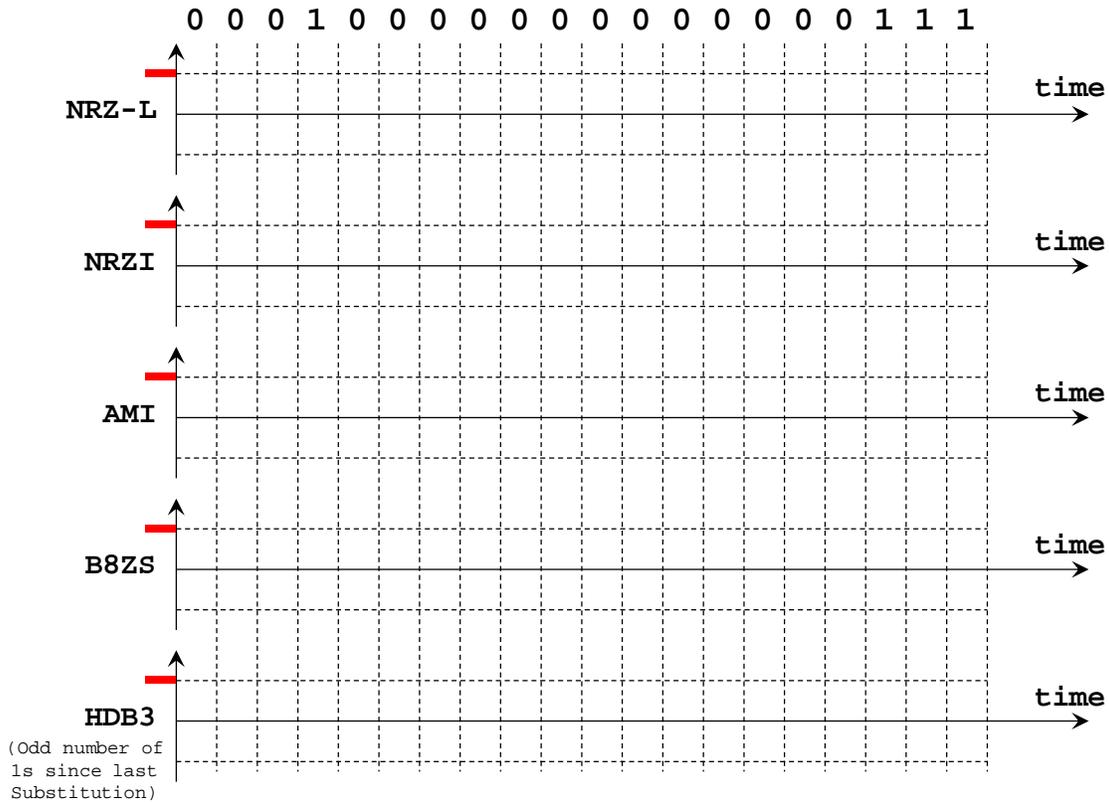
King Fahd University of Petroleum and Minerals
College of Computer Sciences and Engineering
Department of Computer Engineering

COE 341 – Data & Computer Communications (T111)

Homework # 02 (due date: Sunday 20/11/2011 during class period)

***** Show all your work. No credit will be given if work is not shown! *****

Problem # 1 (75 points; 15 points each): Complete the following signal diagrams.



Problem # 2 (25 points): Using the BER curve, calculate the *maximum data rate* that can be achieved by **ASK** for a bit error rate of 10^{-6} on a channel with an SNR of 23.5 dB and a bandwidth of 10 MHz.

