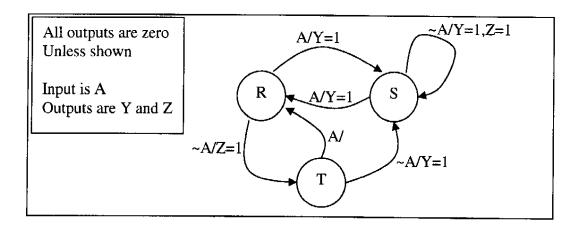
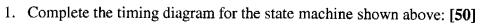
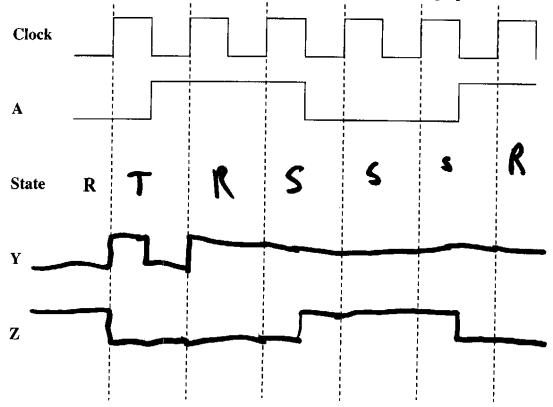
## **Quiz 5 – Spring 2007 – EECS 270**

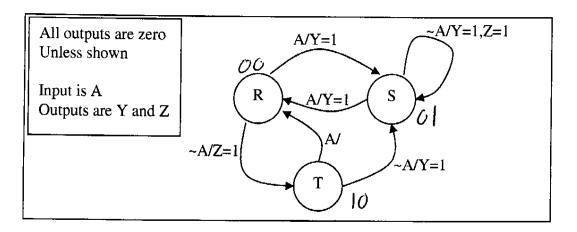
Name:	uname:
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This quiz is graded out of 100 points. Please remember you can drop your lowest quiz score. You will have 25 minutes for the quiz. It is closed book and closed notes. Show your work and circle your answer!









2. For this problem, assign state bits S[1:0] as 00 for state R, 01 for state S, and 10 for state T. <u>Using a K-map</u>, find the minimal sum-of-products for next state (NS[1:0]) and the outputs (Y and Z). You must show your work to get <u>any</u> credit! [50]