System Simulation Final Exam:

$$X(z)(T^{2}z) = Y(z)(z^{2}+2z+1) \longrightarrow T^{2}x[k-i] = Y[k-2]+2y[k-i]+y[k]$$

(5) D) The best representation of the Beast's and Belle's love story is Part C. This was the only sim. that showed belle developing positive feelings for the Beast.