CS 6210: Perf. Eval. of Computer Systems; Aug. 2011, Prof. Krishna Sivalingam
Tutorial 6, Nov. 9, 2011, OPEN BOOK/NOTES; CLOSED NEIGHBORS. TA/instructor help can be requested.

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1. Consider a central sub-system with one CPU and three disks, A, B and F. Given that $V_A = 10, S_A = 14\ ms, V_B = 8, S_B = 12.5\ ms, V_F = 6, S_F = 20\ ms, S_{CPU} = 6\ ms, N = 3$, determine X, X_i, R, R_i, Q_i for the system using the "Hierarchical Decomposition" technique, using Disk A as the Destined Network.