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