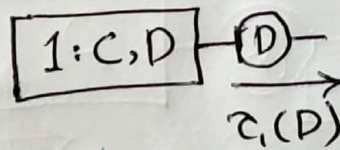
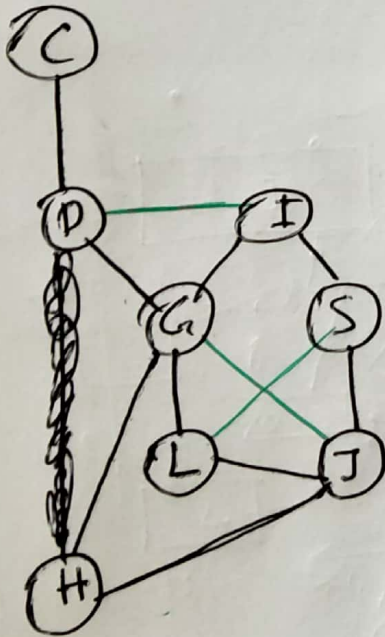


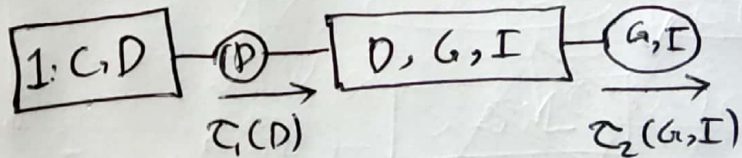
$$\begin{aligned}
 &P(C, D, I, G, L, S, J, H) \\
 &= P(C) P(D|C) P(I) P(G|D, I) \\
 &\quad P(S|I) P(L|G) P(J|S, L) P(H|J, G) \\
 &= \boxed{\phi_1(C)} \boxed{\phi_2(C, D)} \boxed{\phi_3(I)} \boxed{\phi_4(G, D, I)} \\
 &\quad \boxed{\phi_5(S, I)} \boxed{\phi_6(L, G)} \boxed{\phi_7(J, S, L)} \\
 &\quad \boxed{\phi_8(H, J, G)}
 \end{aligned}$$

Eliminate: C, D, I, H, G, S, J

Eliminate C: $\tau_1(D) = \sum_C \phi_1(C) \phi_2(C, D)$



Eliminate D: $\tau_2(G, I) = \sum_D \phi_4(G, D, I) \tau_1(D)$



Eliminate I:

$$\tau_3(S, G) = \sum_I \phi_3(I) \phi_5(S, I) \tau_2(G, I)$$

Eliminate H:

