Answer:

$$V_{0,0}^{(1)} \alpha_{0}^{(1)} + W_{0,1}^{(1)} \alpha_{1}^{(0)} + b_{0}^{(1)} \text{ and } \vec{C}^{\nu} = W^{(1)} \vec{C}^{(0)} + \vec{D}^{(1)}$$

$$\vec{C}^{(2)} = W^{(2)} \vec{C}^{(1)} + \vec{D}^{(2)}$$

$$\vec{A}^{(1)} = W^{(2)} W^{(2)} \omega^{(2)} + W^{(2)} \vec{b}^{(1)} + \vec{b}^{(2)}$$

$$\vec{O}^{(2)} = W^{(2)} W^{(2)} \omega^{(2)} + W^{(2)} W^{(2)} \vec{b}^{(1)} + W^{(3)} \vec{b}^{(2)} + \vec{b}^{(3)}$$

Also, to make Network I be equivalent with Network 2.

$$\mathcal{L} \quad \widetilde{W} = W^{(3)} W^{(1)} W^{(1)}$$

$$\widetilde{b} = W^{(3)} \overrightarrow{b}^{(1)} + W^{(3)} \overrightarrow{b}^{(2)} + \overrightarrow{b}^{(3)}$$