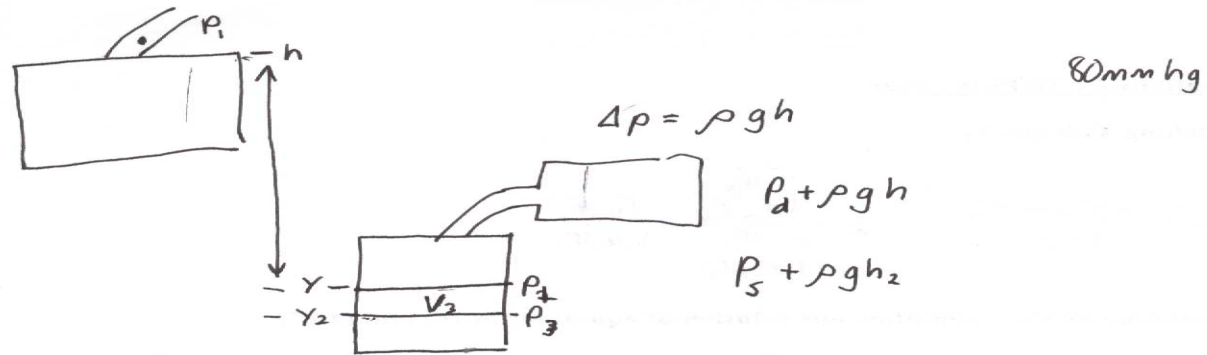


# Hemodynamic Simulator II (P09026)

## Level 1 Calculations



$$V_1 + V_3 = V_2$$

$$P_1 V_1 = P_3 V_2$$

$$P_1 V_1 = P_3 (V_1 + V_3)$$

$$PV = NRT$$

$$PV = PV$$

~~$$V_1 P_1 = V_2 P_2$$

$$V_1 = \frac{V_2 P_2}{P_1}$$~~

$$P_2$$

$$P_3$$

$$V_2 P_2$$