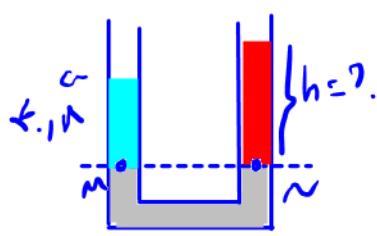
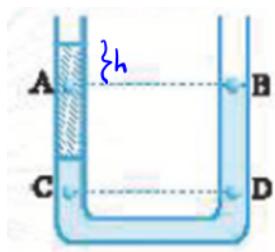


تَصْلِيْحَاتٍ مُفْسِدَاتٍ
فِيْرَكَ وَهَرَادَةٍ



$$P_M = P_N \rightarrow (\rho gh)_{\text{left}} + P_0 = (\rho gh)_{\text{right}} + P_0$$

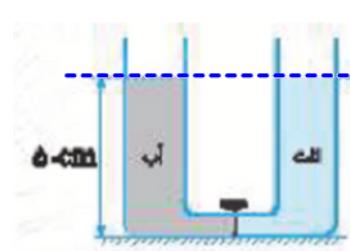
$$1 \times 10^3 \times 11 = 10^3 \times h \rightarrow h = 11 \text{ cm}$$



$$P_C = P_D \quad \text{وَيُمْكِنُ إِثْبَاتُهُ بِطَرْكَ دُوَّالَقَ}$$

$$P_B = P_0, \quad P_A = P_0 + \rho gh \rightarrow P_A > P_B$$

١٥ - ٩٤



$$P_M = P_N \rightarrow$$

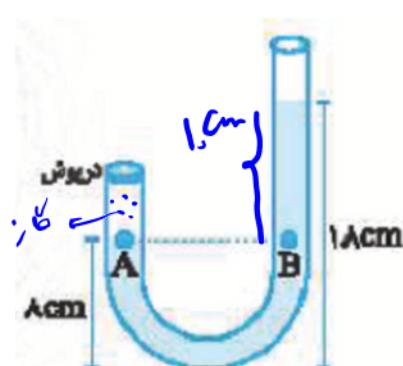
$$10 \times 10^3 P_0 + (\rho gh)_{\text{right}} = 15 \times 10^3 P_0 + (\rho gh)_{\text{left}}$$

$$(\rho h)_{\text{right}} = (\rho h)_{\text{left}}$$

$$g \frac{\text{m}}{\text{s}^2} \times 1 \times h = 10 \times 10^3 \times 1 \rightarrow h = 10 \text{ cm}$$

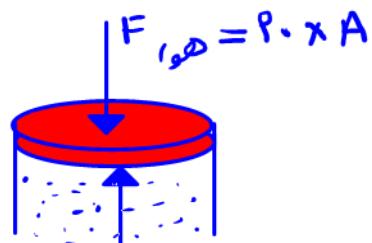
$$\delta \cdot = x + h + n$$

$$\delta \cdot = 10 + 10 \rightarrow x = 10 \text{ cm}$$



$$P_A = P_B \rightarrow P_{\text{atm}} = P_{\text{atm}} + P_0$$

$$P_{\text{atm}} = (\rho gh)_{\text{left}} + P_0 = 10 \times 10^3 \times 1 + P_0$$

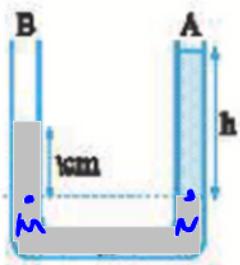


$$P = \frac{F}{A} \rightarrow F = P \times A$$

$$F_{\text{atm}} = (10^3 + P_0) \times A$$

$$F_{\text{net}} = F_{\text{atm}} - F_{\text{atm}} = 10^3 \times A + P_0 / A - P_0 / A = 10^3 \times 10^3 \times 1 = P_0$$

- 9V



$$P_M = P_N \rightarrow P_{Hg} + P_1 = P_{E^u} + P_2$$

$$(Pgh)_{Hg} = (Pgh)_{E^u}$$

$$1474 \times l = 1474 \times h \rightarrow h = \frac{1474}{1474} = 1 \text{ cm}$$

$$1474 \times l = 1474 \rightarrow 1474 \times \Sigma - 1474 \rightarrow \Sigma \times 1 = 1474$$

$$m_1 = m_r = m$$

$$\frac{P_{\text{obj}}}{P_{\text{obj}}} = \frac{m_1 + m_r}{V_1 + V_r} = \frac{m + m}{\frac{m}{P_1} + \frac{m}{P_r}} = \frac{m}{\frac{m}{P_1} + \frac{m}{1474}} = \frac{m}{\frac{1474m + lm}{1474}} = \frac{m}{\frac{1474m}{1474 + lm}} = \frac{1474 + lm}{1474} = \frac{1474 \times r}{1474 + lm}$$

↳

$$\text{根据公式: } P_{\text{obj}} = \frac{P_1 P_r}{P_1 + P_r}$$

$$P_{\text{obj}} = (Pgh)_{\text{obj}} = ? \text{ cmHg} \rightarrow (Pgh)_{\text{obj}} = (Pgh)_{Hg}$$

$$\frac{1474 \times r}{1474 + lm} \times 1474 = 1474 \times h_{Hg} \rightarrow h_{Hg} = \frac{1474 \times r}{1474} = r \text{ cm}$$

$$P_{\text{obj}} = r \text{ cmHg}$$

$$P_{\text{obj}} = P_{E^u} + P_{\text{res}} \rightarrow 1474 \text{ cmHg}$$

$$P_{E^u} = ? \text{ cmHg} \rightarrow P_{E^u} = (Pgh)_{Hg}$$

$\Sigma = 1.1$

$$(Pgh)_{E^u} = (Pgh)_{Hg} \rightarrow 1474 \times \delta \text{ cm} = 1474 \times h_{Hg}$$

$$h_{Hg} = \frac{1474 \times \delta \text{ cm}}{1474} = 1474 \text{ cm} \rightarrow P_{E^u} = 1474 \text{ cmHg}$$

$$P_{\text{obj}} = 1474 + \delta \text{ cmHg}$$

$$P = P_{\text{Hg}} + P_{\text{air}} \rightarrow P_{\text{air}} = ? \text{ cmHg} \rightarrow P_{\text{air}} = (\rho g h)_{\text{Hg}}$$

$\rho_{\text{air}} = 1.29$

$$(\rho g h)_{\text{air}} = (\rho g h)_{\text{Hg}} \rightarrow$$

$$1 \times 10^4 = 1.29 \times h_{\text{Hg}} \rightarrow h_{\text{Hg}} = \frac{10^4}{1.29} = 7600 \text{ cm}$$

$$\rightarrow P_{\text{air}} = 1 \text{ cmHg}$$

$$P = 1 + 7600 = 7601 \text{ cmHg}$$
