
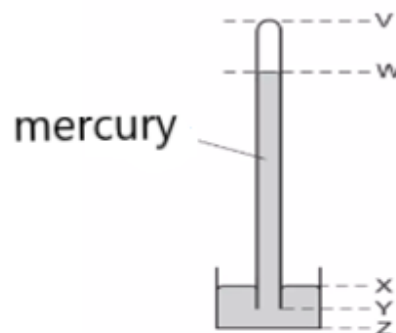


اسم	رقم الجلوس :
 منصة الاختبارات الالكترونية لأبنائنا في الخارج ٢٠٢٥	امتحان مادة : الفيزياء بالإنجليزية للصف الثاني الثانوى (دمج) الفصل الدراسي الثاني – ٢٠٢٥

1. Which of the following factors does not affect the pressure at a point inside a liquid in an open container?

a	Acceleration due to gravity
b	Liquid density
c	Liquid depth
d	Surface area of the liquid


2. The opposite figure represents a simple mercury barometer. Atmospheric pressure increases when the distance increases.



a	WV
b	WY
c	XY
d	XZ

3. Charles' Law describes the behavior of an ideal gas when remains constant.

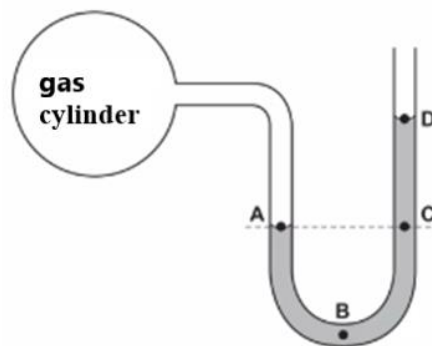
a	gas temperature
b	gas volume
c	gas mass
d	gas density

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4. If the ratio of the diameters of the two cylindrical pistons in a hydraulic press is $\frac{3}{8}$, then the ratio of the distance moved by the larger piston to the distance moved by the smaller piston is

a	$\frac{8}{3}$
b	$\frac{9}{64}$
c	$\frac{3}{8}$
d	$\frac{64}{9}$

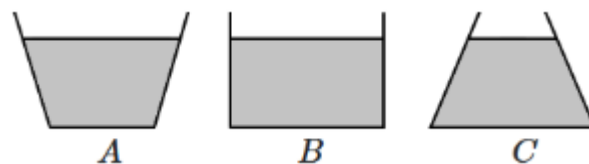
5. The opposite figure represents a mercury manometer. Which of the following is correct?



a	The gas pressure in the cylinder is greater than atmospheric pressure.
b	The gas pressure in the cylinder is less than atmospheric pressure.
c	The gas pressure in the cylinder equals atmospheric pressure.
d	The gas pressure in the cylinder is half the atmospheric pressure.

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6. The opposite figure shows three containers with the same base area. When the same liquid is poured into the three containers to the same height, the pressing force on the base of container:



a	A is the greatest.
b	B is the greatest.
c	C is the greatest.
d	The pressure force is equal in all three containers.

7. A liquid with mass (m) is placed in a container with volume (V) and density (ρ). If the liquid mass is increased to (2m), the new density will be:

a	2ρ
b	0.5ρ
c	ρ
d	4ρ

(انتهت الاسئلة)