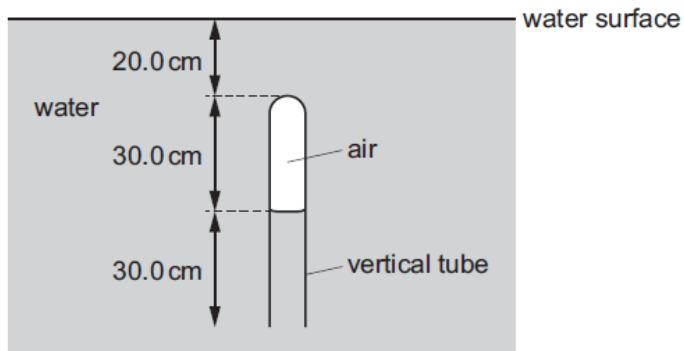


- 7 A vertical tube, closed at one end, is immersed in water. A column of air is trapped inside the tube as shown.



The density of water is 1000 kg m^{-3} .

What is the difference between the pressure of the air in the tube and the atmospheric pressure?

A 1960 Pa

D

7850 Pa

B 2940 Pa

C 4910 Pa