

26 A surveyor's device emits a pulse of light. The light is reflected from a wall 150 m away.

What is the time taken for the pulse to travel from the device to the wall and then back to the device?

A 0.05 ns

B 0.10 ns

C 0.50 μs

D 1.0 μs

27 Progressive sound waves of wavelength 20 cm enter the air column in a closed pipe P and an