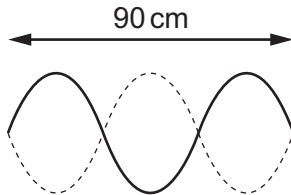


- 28** The diagram shows a stationary wave on a string at two instants of maximum vertical displacement.



The frequency of the wave is 12 Hz.

What is the speed of the wave?

- A** 3.6 ms^{-1} **B** 7.2 ms^{-1} **C** 360 ms^{-1} **D** 720 ms^{-1}

- 29** A loudspeaker emitting sound of frequency f is placed at the open end of a pipe of length l which