

15 As the intensity of a single frequency sound wave travelling through the air is increased, how do the maximum speed of vibration of the air molecules and the speed of wave travel change?

	maximum speed of vibration of air molecules	speed of wave travel
A	increase	increase
B	increase	no change
C	no change	increase
D	no change	no change

16 Light of wavelength λ is emitted from two point sources R and S and falls onto a distant screen.