

Chapter 13

SOUND

Q1. A tuning fork having frequency 312 Hz emits a wave of wavelength 1.10 m. Calculate, speed of sound.

Ans. The speed of sound in air


$$\begin{aligned} v &= f\lambda \\ &= 312 \times 1.1 \\ &= 343.2 \text{ m/s} \end{aligned}$$

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