

CLASS 11

PHYSICS

REVISION NOTES

Class 11 Physics Chapter 14 Waves – Revision Notes

Quick revision notes for Class 11 Physics Chapter 14 (Waves). These Class 11 Physics Chapter 14 notes are ideal for quick revision just before exams.

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Quick revision notes for Class 11 Physics Chapter 14 (Waves). These Class 11 Physics Chapter 14 notes are ideal for quick revision just before exams.

Wave Basics

Transverse vs longitudinal waves.

$$y = A \sin(kx - \omega t); v = f\lambda = \omega/k.$$

Wave Speed

On a string: $v = \sqrt{T/\mu}$.

Superposition

Standing waves: nodes (zero displacement), antinodes (max displacement); $f_n = nv/2L$.

Beats: $f_{\text{beat}} = |f_1 - f_2|$.

One-Line Summary

Waves transport energy through a medium via oscillating particles, with superposition of waves producing phenomena like standing waves and beats.

Class 11 Physics Chapter 14 – Solutions and Important Questions

Need full answers or more practice? See the [Class 11 Physics Chapter 14 Solutions](#) and [Class 11 Physics Chapter 14 Extra Questions](#).

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