

Ques 8: Explain the wave theory of light.

Ans: Light was made up of waves vibrating up and down perpendicular to the direction of the wave propagation, and therefore, formulated a way of visualizing wave propagation.

The wave theory of light was the way we first understood light.

They predicted that if light was a wave, we would see certain things. We would see that light could reflect off shiny surfaces, refract when moving from one material into another, and diffract around objects or when moving through slits.