

NCERT-Analog-11.15-6

EE22BTECH11004 - Allu lohith

1. A bat emits ultrasonic sound of frequency 1000kHz in air. If the sound meets a water surface, what is the wavelength of
 - (a) the reflected sound
 - (b) the transmitted sound?Speed of sound in air is 340ms^{-1} and in water is 1486ms^{-1} .