



Sound theory paper

1. Differentiate between loudness and intensity
2. Describe working of human ears
3. How tone is different from note?
4. How tone is different from note?
5. What is the difference between supersonic and ultrasonic sound?
6. Describe sound board. On which principle it is based on?
7. What are the properties of sound?
8. Which type of wave is produced by sound?
9. What are the characteristics of music?
10. Describe SONAR
11. What is the other name of density distance wave and displacement distance wave?
12. The minimum distance for echo is not same in every season. Justify with calculation.
13. What is reverberation? How can it be reduced?
14. What is the range of audible sound of human beings.
15. Prove that velocity is equal to the product of wave length and frequency
16. How can we identify male and female voice. Draw the graph
17. We always see the lightning before thundering. Explain
18. Through the railway tract we can hear the sound for twice. Why?
19. Why sound is called mechanical wave?
20. On the moon astronauts communicate through radio wave. Why?
21. Can we hear the sound under water? Is it faster or slower?
22. What is amplitude? What is the unit?
23. What is echolocation?
24. Which type of wave is propagated through liquid and solid?
25. On which factors loudness of sound depend?