



## Sound class eight

1. Time period is 30 seconds, find frequency. Is the sound audible?
2. Explain how sound is produced in voice box?
3. Describe human ear
4. If 1000 vibrations take place in 1 minute. find frequency
5. What are the properties of sound wave?
6. We always see the light than before hear the thunder
7. Through the rail way tract we can hear the sound of the coming train for twice. Why?
8. In which medium speed of sound is maximum?
9. Write two applications of ultrasound
10. Can music be a noise?
11. Why sound cant propagate through the vacuum?
12. On moon astronauts use radio use radio wave to converse. Why?
13. Can we hear the sound underwater? Is it faster or slower? Give reason.
14. Name three sources of noise pollution
15. How can we distinguish different sounds?

16. Which part of the following instruments vibrate to produce sound?

Mridangam

Veena

Flute

Dholok

Ektara

whistle

17. Why do the voices of men, women and children differ from each other?

18. How do human produce sound

19. Name the medium through which sound travels fastest?

20. Name the unit by which loudness is expressed

21. Which produces sound of high pitch, a drum or a whistle?

22. What is audible range of sound or a normal human ear?

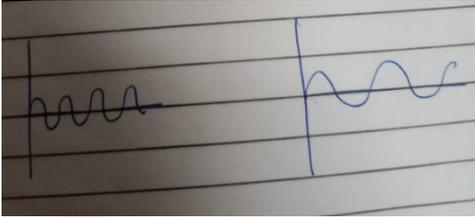
23. Give differences between noise and music

24. A pendulum oscillates 30 times in 3 seconds. Find

a) Its time period

b) Its frequency

25. What is noise pollution? List two ill effects of it.
26. Define sound.
27. Prove that sound can't propagate through vacuum
28. Write any two measures to limit noise pollution
29. The unit of measuring frequency is.....
30. Differentiate between ultra sound and infra sound

31.  identify male and female voice

32. What happen to the sound if we
  - a) Increase amplitude
  - b) Increase the frequency
33. Define frequency. What is relation between frequency and time period?

34. If there are 30 vibrations in one minute then what is the frequency? Also find the frequency.

Give reason

1. We must never put a sharp pointed object into our ears
2. Voices of children and adults are different
3. Cinema hall's walls and floor is covered with thick porous materials.

