

SOUND

Subtopic: Audible and Inaudible Sounds, Noise and Music.

Section 1

1 Mark T for True or F for False.

1 a. The string of a sitar gives out a musical sound.

1 b. Humans can hear sounds with frequency 10Hz.

2 Choose the correct answer.

Which of the following statements are correct?

- a) The police uses high frequency whistles for humans to hear.
- b) A musical sound becomes too loud to be melodious.
- c) Tracking medical problems can be made using ultrasound devices.
- d) All of the above.

Section 2

3 Fill in the blanks.

Example of a living organism that can hear more than 20,000 Hz is _____.

4 Match the following

- 4 a. Frequency > 20,000 Hz - Infrared frequency
- 4 b. Frequency < 20 Hz - Ultraviolet frequency

Section 3

Answer the questions in brief.

5. Define the term 'Noise'.

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6. Define Musical sound. Give examples.

7. What are audible sounds? Give examples.

8. What are inaudible sounds? Give examples.

Section 4

Answer the questions in detail.

9. Explain the differences between audible and inaudible sounds in detail.

SOUND

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10. Explain the differences between noise and music in detail.
