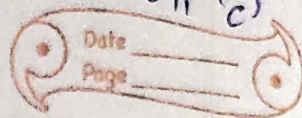


HW
22.11.2022

Ch-6

Snehansh kare
vll 'c'



Sound

Q1) What do you mean by a vibratory motion?

Ans ^{In} Vibratory motion the body remains fixed and the rest part moves to and fro about its mean position. During the vibratory motion, the shape and size of the body changes.

Q2) What is sound?

Ans Sound is a form of energy that produces the sensation of hearing in our ears.

Q3) How is sound produced?

Ans Sound is produced when a body vibrates.

Q4) Describe an experiment to show that each source of sound is a vibrating body.

Ans Take a ruler. Press its one end on the table with the left hand ~~as shown~~. Pull down the other end of the ruler with the right hand and then leave it.

We will notice that the ruler vibrates

and a humming sound is heard.

After some time, the ruler stops vibrating. No sound is then heard.

This shows that the humming sound is produced only because of the vibrations of the ruler.

Q5) Name two source of sound.

Ans Two source of sound are:

- i) Violin
- ii) Guitar