



Revision : 2

Q.1

Slides of which different cell of live element did you observe using microscope and what did you observe ? Note down.

Q.2

In your day to day life where motion, force and speed is used, think about it and note down.

Q.3

In your day to day life without using muscle force, which works do you do ? Think and note down.

Q.4

Make a model of respiratory system and digestive system using thermocol. In each part fill different colours and note it's importance.

Q.5

What is the difference between the heartbeats during resting position and after running or exercise ? Think, why this happens ? Note down.

Q.6

Find the examples of an object which is not changing it's position but it is in motion. E.g. fan.

Q.7

Which energy sources do we have to use more in our day to day life ? Whether we do it ? Why ?

Q.8

Think : What is relation of energy with routine life ? If energy sources are exhausted then...

**Q.9**

Which things are compared and understood on the basis of study made during chapter 6 to 9 ? Note down. E.g. Animal cell and plant cell.

Q.10

Where can you associate your study of motion, force, speed and sources of energy in your day to day life ? Note down.

Q.11

In which topics of previously studied chapters you face difficulties ? Note down it.

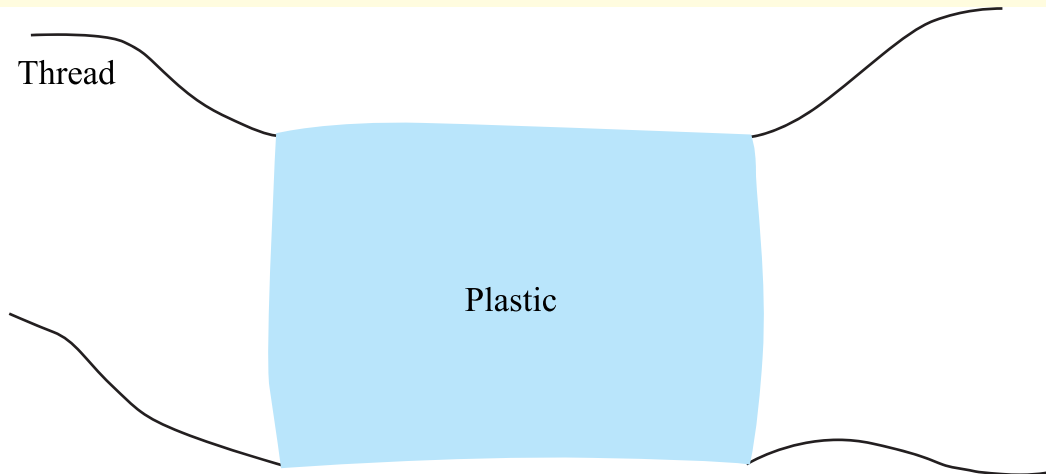
Q.12

Which activity you will do in science forum associated with previous chapters ?



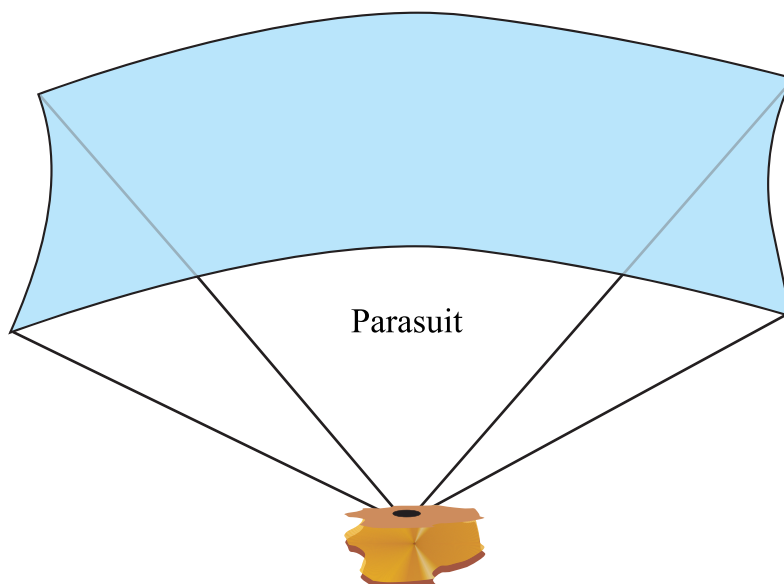
Let's Do Activities

Activity 1 : **What is required ?** Plastic, thread and stone



What to do ?

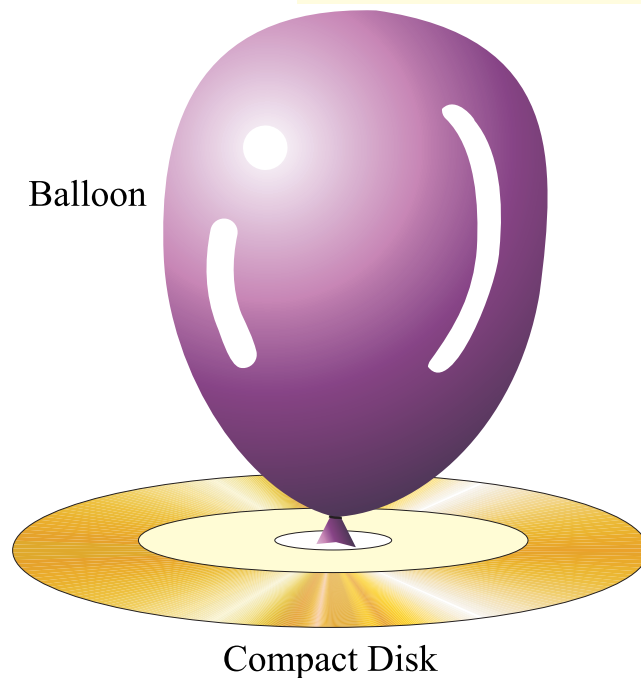
- ☞ Take a square plastic paper of 12 cm length.
- ☞ Tie 10 cm long thread from four corners.
- ☞ Following type arrangement will be done.



- Tie each free end of thread together. Tie a stone with it. Now, throw that prepared toy in upward direction and observe it.

Activity 2 : What is required ?

Unusable compact disc (CD), balloon, thread and straw.

**What to do ?**

- ☞ Take one unusable compact disc.
- ☞ Stick the straw with length 2-3 cm at the hole at its center.
- ☞ Tie a balloon at the free end of straw with the help of thread as shown in figure.
- ☞ Now, blow the balloon and place that blow balloon with the disc on the plane surface and observe it.
- Note down your observation.

Think :

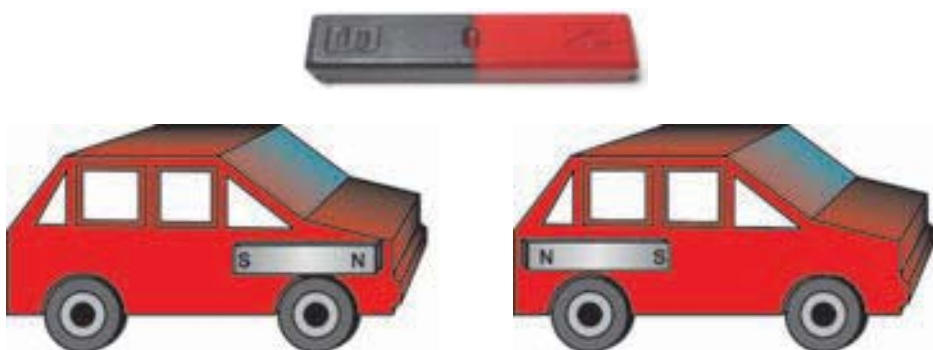
- Why does this occur ?

Activity 3 :

- Take half tea-spoon of sodium Bi-carbonate. (Edible Soda)
- Pour four to five drops of lemon juice in it and observe.
- Note down your observation.

Think :

- Why does this occur ?

Activity 4 : What is required ? Two small toy cars, bar-magnets**What to do ?**

- ☞ Take two small toy cars.
- ☞ At the bottom of both the cars stick bar-magnet as shown in figure.
- ☞ In one car North (N) pole should be in forward direction and in other car South (S) pole should be in backward direction.

☞ Now place both the cars on the surface and give push to the car.

- Observe the first car.

Think :

- Why does this occur ?





Fun-Time

Note down the techniques used in the medical science to detect and human diseases :

Stick the pictures in the following boxes :

Thermometer

Stethoscope

Cardiogram

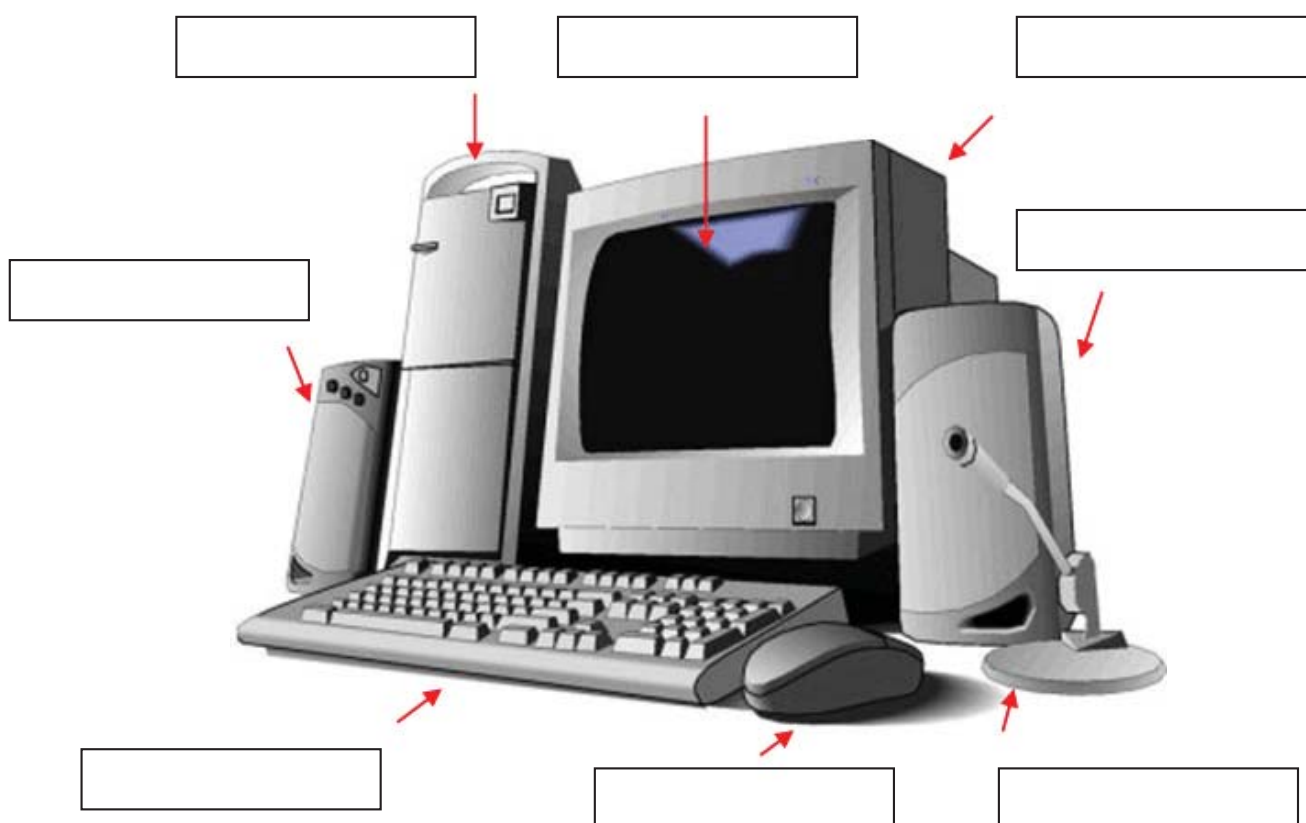
X-Ray Machine

Endoscope

Computed tomograph scan

Write short note on the use of internet :

With the help of your teacher recognize different part of computer and write in



[illegible]