

RYAN INTERNATIONAL SCHOOL LUDHIANA

SCIENCE WORKSHEET

CLASS-VIII

**A. Give one word of the following :**

1. Simple plant-like organisms which make their own food by photosynthesis -----
2. Reflection from a smooth mirror is called -----
3. The phenomenon of scattering of white light -----
4. Petrol and diesel obtained from natural resource called -----
5. Mirror used as side view mirrors in automobiles -----
6. The resources which are limited in nature -----
7. The lens thick in the middle, thinner at the edges -----
8. Diseases which spread from infected to healthy person -----
9. Least polluting fuel for vehicle -----
10. Least distance of distinct vision is -----

**B. Fill in the blanks:**

1. ----- are tiny organisms that can only be seen through a microscope.
2. ----- is a process of heating milk to a high temperature and then cooling it quickly.
3. The size of the pupil of an eye is controlled by -----.
4. The phenomenon of interchange of left and right in mirror is called -----.
5. Fossil fuels are -----, ----- and -----.
6. ----- is the partial sterilization of milk by heating it for short time exceeding  $135^{\circ}\text{C}$ .

7. Convex lens is ----- in the middle and ----- at the edges.
8. The size of the pupil becomes ----- when you see in dim light.
9. Angle of incidence is equal to angle of -----.
10. Process of separation of different constituents from petroleum is called -----.

**C. Write whether the statements are True or False**

1. Protozoa make their own food by photosynthesis.
2. Fossil fuels can be made in laboratory.
3. A person who can't see nearby objects clearly is said to have defect called myopia.
4. Concave mirror showed in large images.
5. Communicable diseases caused by micro-organisms that can spread from an infected person to a healthy person.
6. Image in our eye forms at retina
7. A person having a cataract cannot distinguish between colors.
8. The far point of a normal eye is infinity.
9. CNG is more polluting than petrol.
10. In convex lens, if object is at infinity, the image will be formed at focus.

**D. Answer the following:**

1. Write the location, size and nature of image when object is placed between F and 2F in case of convex lens.
2. Draw a well labeled diagram of a human eye.
3. Draw a ray diagram representing incident ray, reflected ray and normal.