



1) Fill in the blanks using appropriate words.

Eye is an optical sense organ in human body. The amount of light that enters to eye control by (a) Light enters to eye through (b) The light sensitive rod cells and cone cells are located in (c).....Refraction of light occurs through (d)..... of the eye. Loss of transparency in it leads to the eye defect called as (e).....

2) (a) Name two factors effect on pressure.

(b) Write two instances in day-to-day life where;

I. Increase of pressure

II. Decrease of pressure

(c) School bags with broader hanging strips are good to use. Explain it scientifically giving reasons.

(d) Write the formula which is used to calculate pressure.

(e) What is the pressure exerted on a surface of 4m^2 when a perpendicular force of 320N is acting on it?

3) (a) Write the chemical formula of following compounds.

I. Glucose

II. Sodium chloride

III. Water

(b) Name 4 elements contained in the above compound.