

29/6/2020
MONDAY

CHEMISTRY

STD - 8
class - 04

Assignment

1) Write a short note on pressure and volume of a gas.

Ans) Volume of a gas is the volume of the container which it occupies. The space occupied by a substance is known as its volume.

Force exerted per unit area is called pressure. A force is experienced on this surface as a result of the collision of the gas molecules on the surface.

According to Boyle's law, for a fixed mass of an ideal gas kept at a fixed temperature, pressure and volume are inversely proportional. Or Boyle's law is a gas law, stating that the pressure and volume of a gas have an inverse relationship. If volume increases, then pressure decreases and vice versa, when the temperature is held ~~en~~ constant.

