

TENDER HEART HIGH SCHOOL, SEC-33B, CHD.

CLASS - VII

SUBJECT - CHEMISTRY

CHAPTER - 4

TEACHER - ANAMIKA

Q:-1 what is the full form of TNT?

Ans:- Trinitrotoluene

Q:-2 which gas is used as household fuel and what is the composition?

Ans:- LPG is used as household fuel gas. It contains Butane and isobutane.

Q3. How dry ice is formed from CO_2 gas?

Ans:- $\text{CO}_2(\text{g}) \xrightleftharpoons[\text{heating}]{\text{cooling}} \text{Dry ice (Solid } \text{CO}_2)$

Q:-4 What is Carbogen?

Ans:- CO_2 is mixed with 95% of oxygen to form carbogen. which is used to stimulate breathing in patients.

Q:-5 Why don't sleep in a room with all windows and doors closed with a burning coal stove?

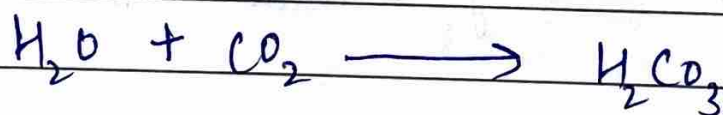
Ans:- Because in the closed room insufficient (limited) amount of oxygen is there. Due to limited amount of oxygen, CO is produced which cause suffocation & death.

Q:- Why CO is highly poisonous gas? (hb)

Ans:- Because it combines with haemoglobin present in the blood & form carbonylhaemoglobin from which hb cannot be recovered back by any method. Thus it prevents the blood to carry oxygen for respiration.

Q:- Why rain water is slightly acidic in nature?

Ans:- As CO_2 in the air dissolves in rain water to form carbonic acid.



Q:- What is oxy-hydrogen flame?

Ans:- Oxygen mixed with hydrogen as fuel produces a flame with a very high temperature (about 2800°C), known as oxy-hydrogen flame.