



DELHI POLICE CONSTABLE

By

ONE OF THE MOST EXPERIENCED FACULTY TEAM FROM DELHI

100+ Hrs | 60 Days



DELHI POLICE – CONSTABLE - 60 DAYS COURSE



NEW BATCH STARTS 17th AUGUST 2020

Session Time - SESSION -1: 3:30 PM TO 4:30 PM & SESSION- 2: 5: 00 - 6:00 PM



MATTER, STATE OF MATTER

44121/404

> ATOMIC STRUCTURE

> ATOMS AND MOLECULE

> ELEMENTS, COMPOUND & MIXTURE

> CHEMICAL REACTIONS AND ITS TYPES

ACIDS, BASES AND SALTS

► METAL AND NON-METALS

> CARBON AND ITS COMPOUNDS

> SOAP AND DETERGENTS

> POLYMERS – GLASS, PLASTIC, SYNTHETIC FIBERS, POLYTHENE ETC...

> PERIODIC TABLE.....

> /MISCELLANEOUS

Matters & COMPOSITIONS



MATTER

Everything in the universe is made up of materials >> colled matters.

I Anthing that have many, volume & DCCUPY Space couled matter.

eg-.- Aix, food, stone, chaix, Particle of sand etc ---. Q:- (i) chair (ii) Air, (iii) Love, (iv) almonds, (v) côld brink, (vill smelly, (IX) sense (X) hate.

- State of matter:-=) J) Solid [:::] 2) Liquid [:::]

3) Gas [: : :]
4) Plasma [Gas =] (P.n.)

Conden State:-

OUR BODY COMPOSITION



(Highest level + element)

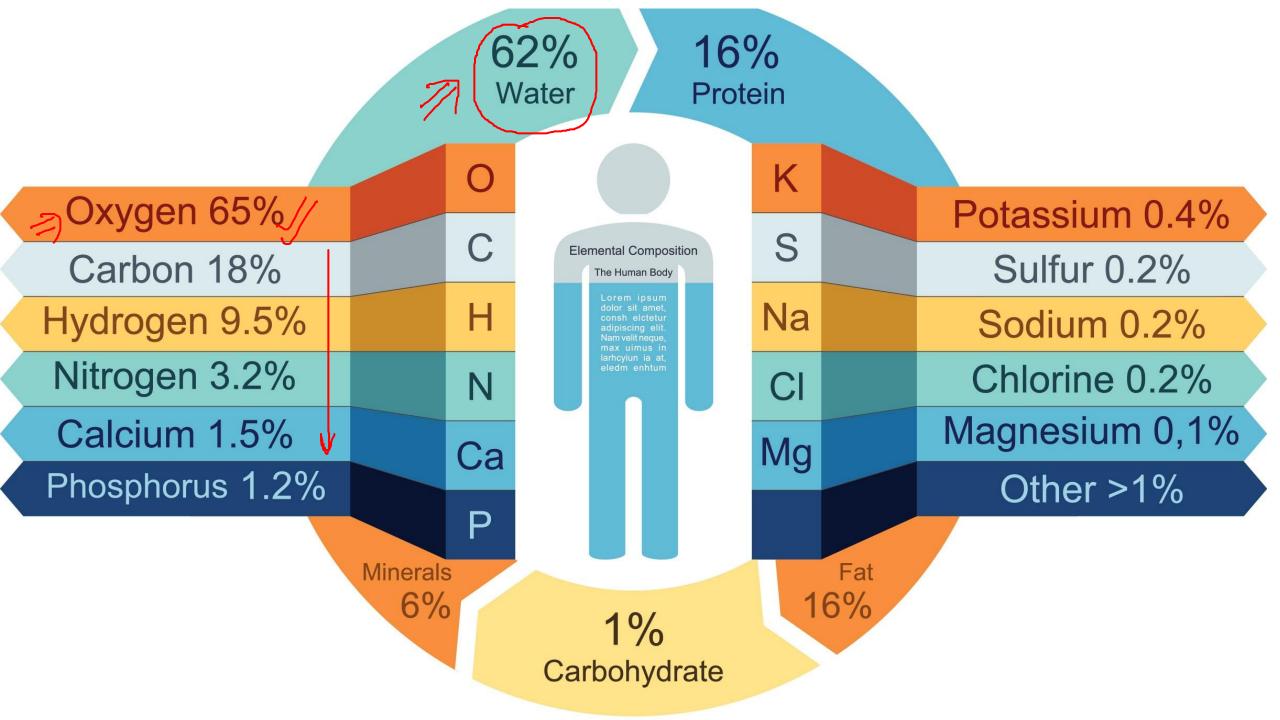
Mydygen > 100/0

Thospho-8005 => 1%

{Note: Bones => Ca + Ph 3//

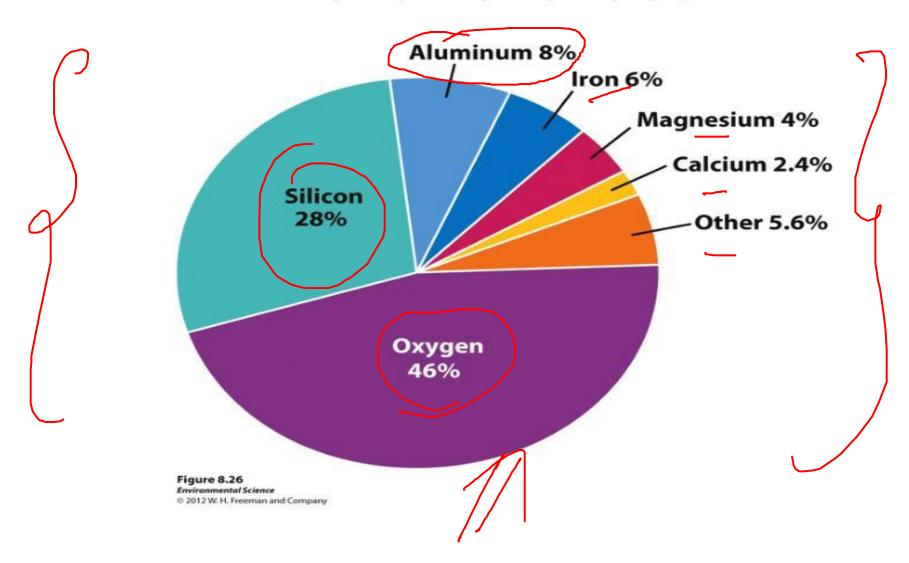
y Na, Mg etc -- ···

Teeth > Cath.

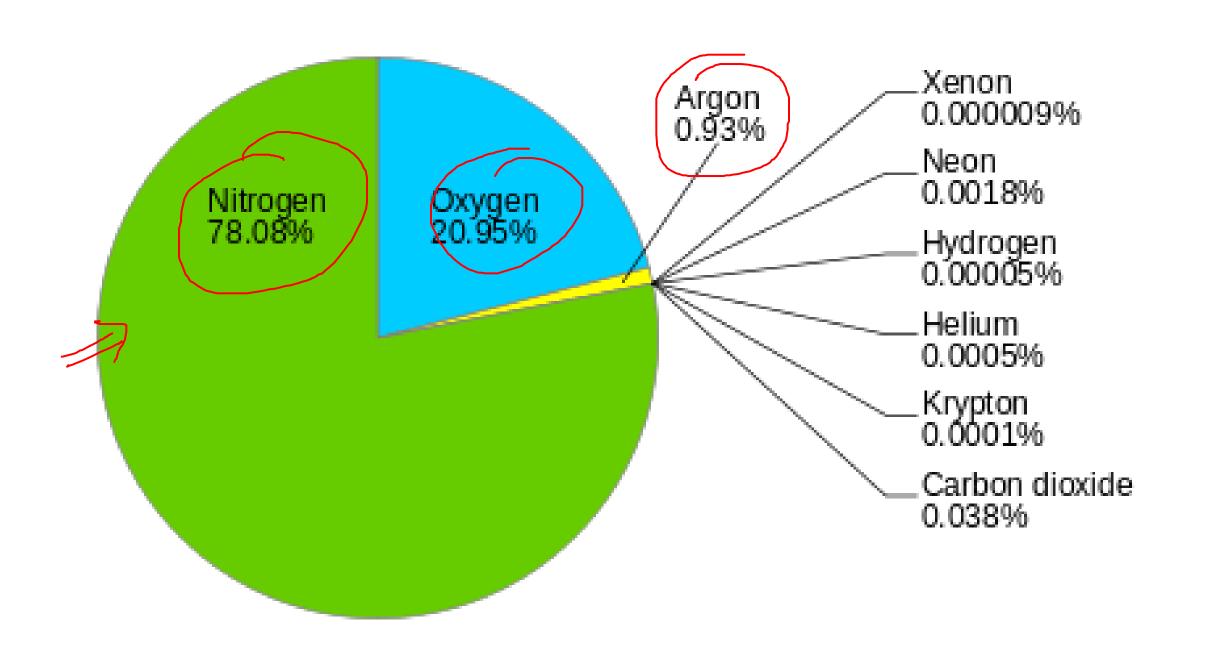


FARTH CRIIST COMPOSITION

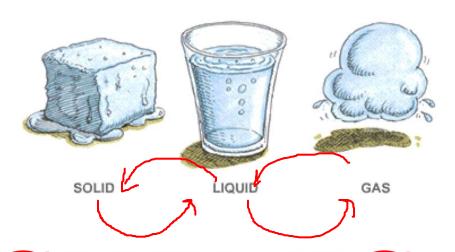
Elemental Composition of the Earth's Crust



Air Composition



PHYSICAL AND





CHEMICAL PROPERTIES



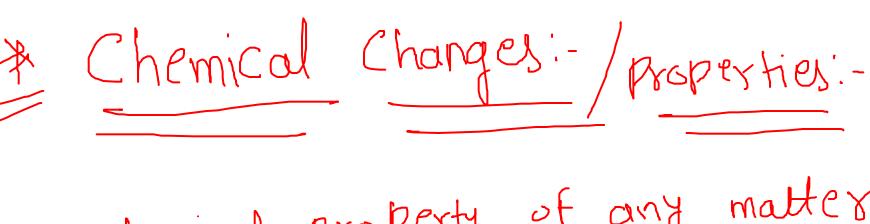
* PHYSICAL P-sopesty / changes:-=> Physical Properties can be observed or measured without changing the composition of matter. wester

e.g: - Mass, Volume, Shape & Size, length, State of Matter, texture, color, odor, meltingpoint, Boiling Point, Density, Colubility Mardhery, conductivity, Ductile, mall eability. Physical Change

& Physical Change:-Ca change in physical ony of above of physical change. * JODOUX melt > water 20C liquid DLN

#1. > A physical change is generally being Teversible.

2.3



=) Chemical property of any matter depends on its (valancy), its = internal structure sinistanti & greactivity

C.g:- Flammability (6-da-12) Combustion (GET) Reactivity (31818 412 (318) Coxidation Corroding (vist all) = Rusting Acidity (3480411) Toxicity (9 daidy)

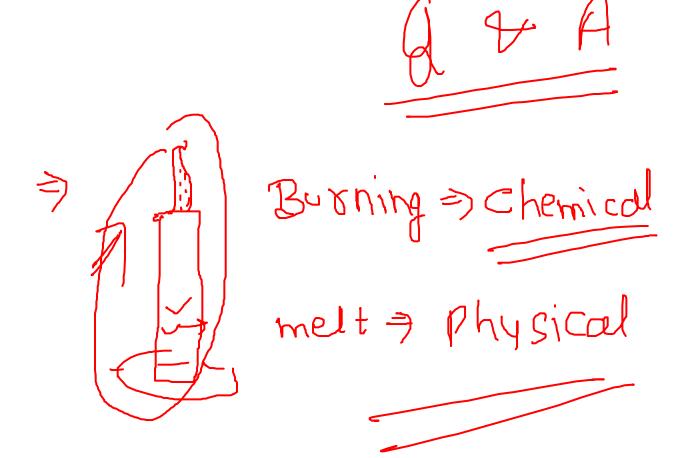
Chemical changes:-A change in any chemical property is called chemical change. C.9 : HAlways new substance is formed.

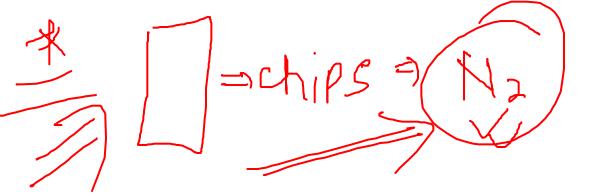
*C.g. Burning of Substances.

1 During Chemical change some new substance | things also developed.

- > Neat (30x1)
 - 3 Light (John?1)
 - =) change in color,
 - = Smell.

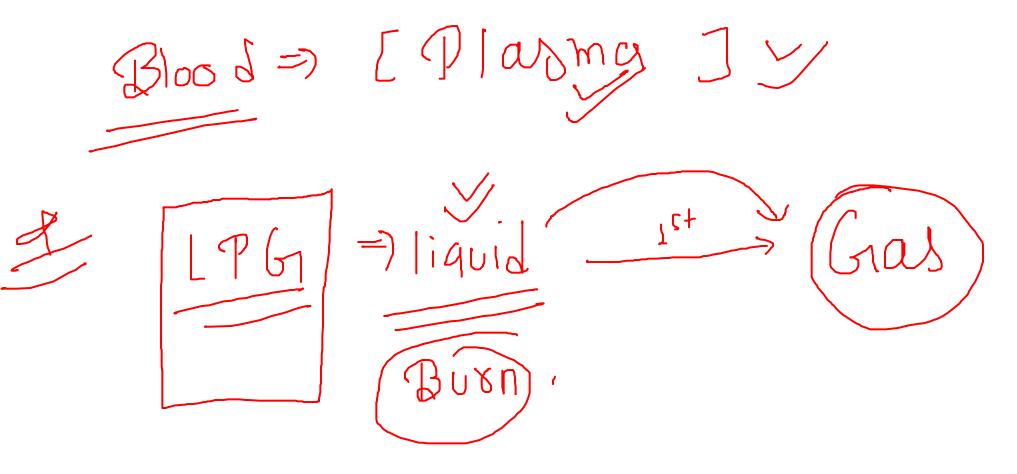
3 New Jay produce





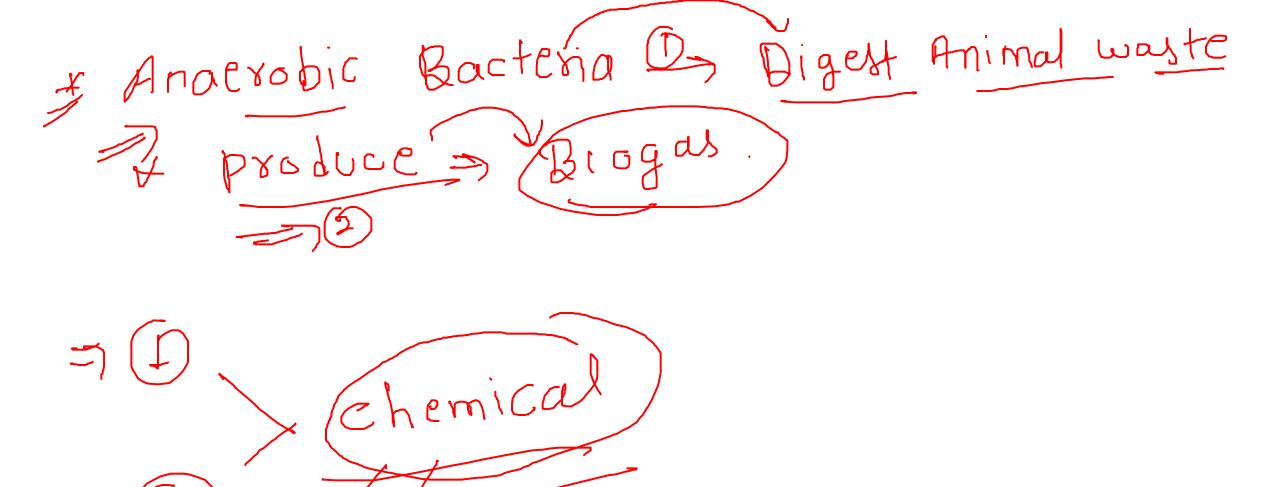


- 1) Photosynthesis > chemical.
- 3 Suger Dis in water > Physical
- 3 make Aluminum Foils Physical



O Physica

•		



Air Air

Argon >> 0.931.

& Muthan Body

- ① Element => 02 => 651
- (2) Compound => 120 => 65-701.
- 3) 2nd element 2) carbon => 181.

3 + T=> Cal + Phos.

m

O Si

Carth crost

2 Ge

3 C

(h) Gra /

1) Non-metal > 0g => 461.

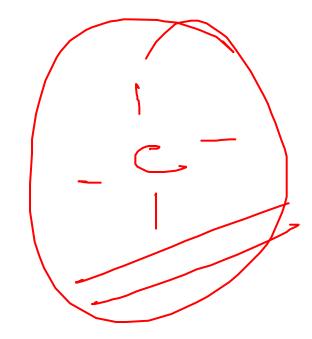
(2) metal > Aluminum > Bal.

(3) methaloid) Silicon (20.21)

metal < 4c

non-metal > 4e

Sem. = 4C





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