





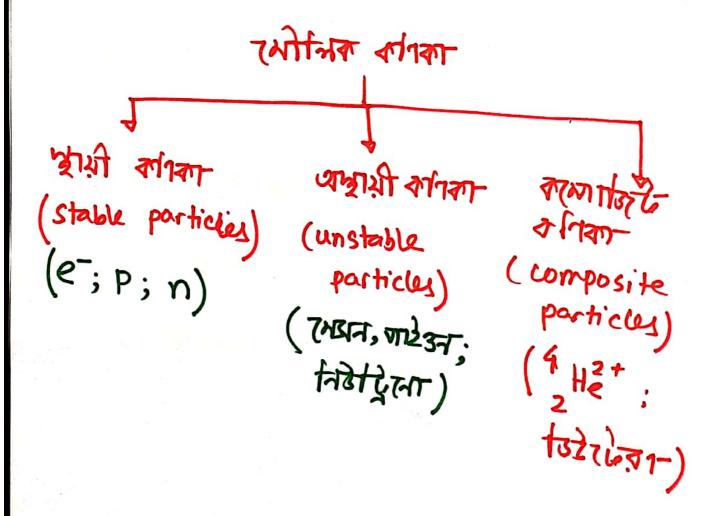
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THP-3
पापार्थंक नामेन
(structure of matter)

Type-1: Without Atrant (Fundamental particles)



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त्भोलिव प्रकाभ : (Expression of elements)

A = SA SIS-QIST (Mass number)

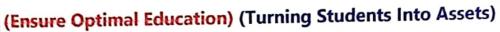
2 = MAMTHAR - 315:215- (Atomic number)

m = 6151 315:2157 (Charge number)

n = argra visur strur (atoms in a notecule)

X= VIster (Symbol)







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Note: symbol (A)

Rules: 1. 78TH THIRMS ATMS 1St letter lite Capital & 2751

Ex: Hydrogen => H

Nitrogen => N



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3. (यान (यान । भोलाव उत्तर न्यानिन नाम क) वक्त व्यानिन नाम क) वक्त व्यान

Natriums - Na

Note:

$$P=2$$
 $N=A-2$
 $e^-=2\pm m$



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Care I: e, p 20, n =15:20 fant:

J.
$$Na^{\dagger}$$
; $P = 11$
 $N = 23 - 11 = 12$
 $e^{-} = 11 - 1 = 10$

2.
$$C1^{-}$$
; $P=17$
 $N=35-17=18$
 $Q^{-}=17+1=18$



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Care II: Triting (compound) 23 e i paos n

आथा:

$$P = 1 \times 2 + 16 + 8 \times 4 = 50$$

$$N = 0 \times 2 + 16 + 8 \times 4 = 48$$

$$e^{-} = 50$$

(1)
$$P = 7 + 1 \times 4 = 11$$

 $N = 7 + 0 \times 4 = 7$
 $e^- = 11 + 10$

(ii)
$$P = 15 + 8 \times 4$$

 $= 47$
 $N = 16 + 8 \times 4 = 48$
 $e^- = 47 + 3 = 50$

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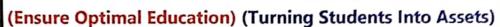
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Care III:

Note:

$$A = 19$$
 $3A = 19$





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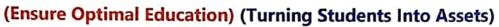
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$$n = 16$$

4. धारेलारेलमध्नः (Isoeleetron)

Ex: Na⁺, Ne;
$$0^{2}$$
-
 $e^{-}=10$; $e^{-}=10$





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5. Ordintaintens: (Isodiagher)

Ex:

6. थाटेत्याभेग्नः (Isoster)

atom; e = same

by:



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