

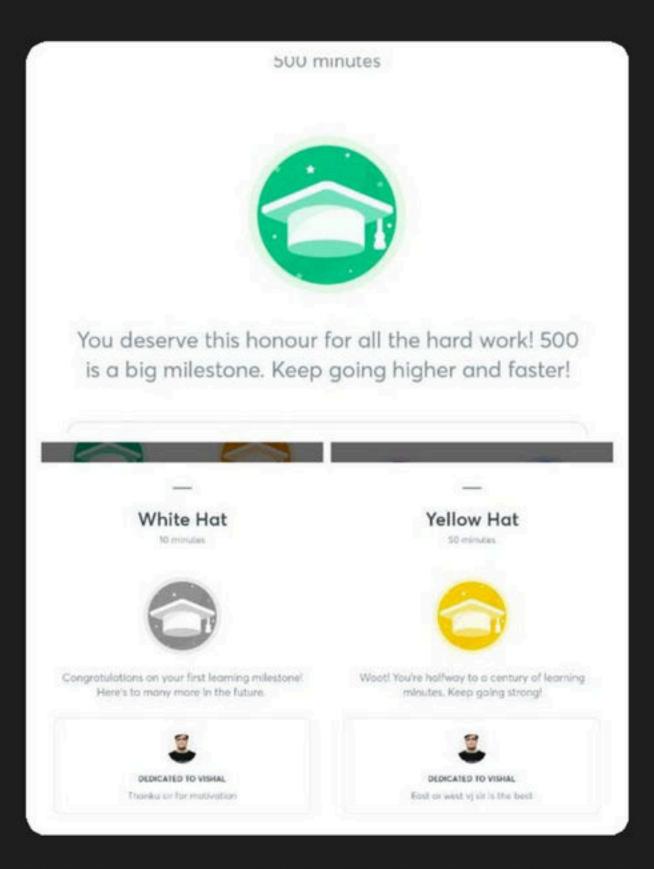
Course on Chemical Bonding for Class XI 2023

ty. six 1

(stage)







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Covalency + number of 4. p.c. ih Gr.s on in Excitation State (| - 35 3p5 3a G.S [7L] [11 1 [] (E,3) I [1 [1] [1]

due to ab. of vac. N= 25 2p3 1 35 72 [1 [1] of of due to ab. of vic. 2d $0 = 1s^2 2s^2 2p^4$ 11 11 1

HFOY Conty a sid of F] HOF MFOL F- (5² 25² 25⁵ 35 due to b.

Trac. ogbital 11 11 1 1 2 2 d 2 = 2 | X

Covalency 2 3 4 3 2 1

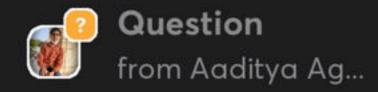
2 rdporiod Be B (N D F

2 A 1 Si P S ()

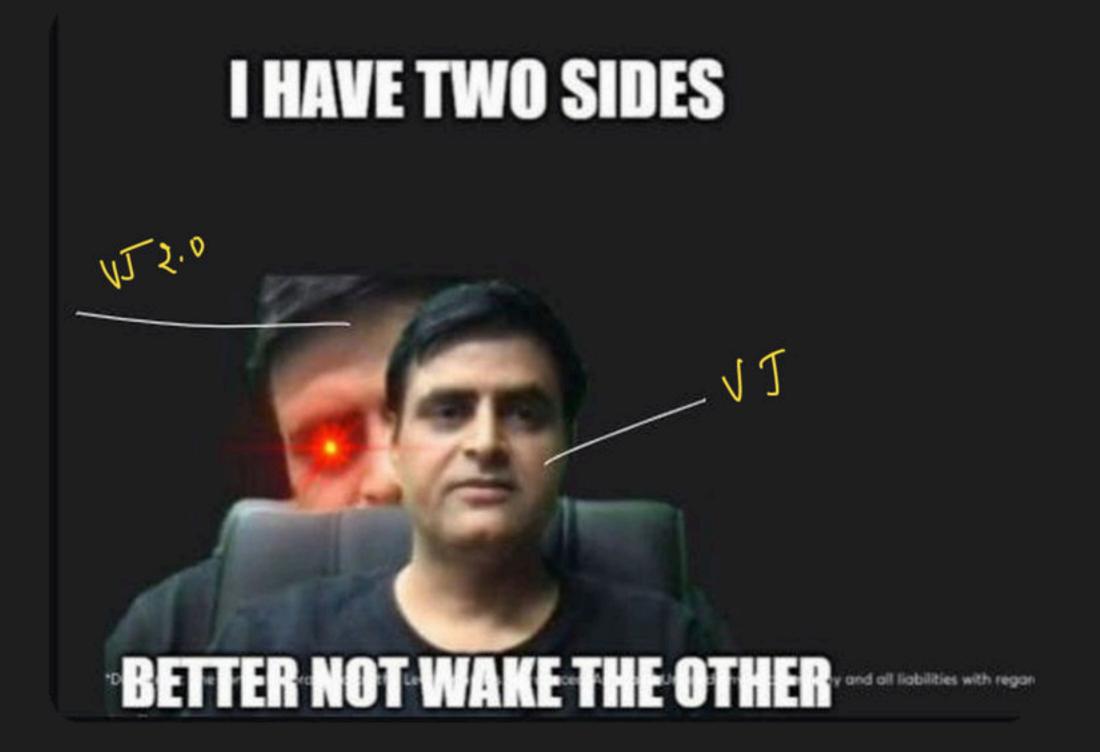
My

Maximum

Graleny = nymber of nse + nymber of npe



ye hua tha na sir mil gaya ye



maximum = number of ne + number of noe-Evalency = 2 + 5

P= (35² 3p³) Val. shell outershell

2+3:5

35² 3p⁵

7= 35² 3p⁵

5-Block = It Covaleny - 1 Covaliony = 2 > Val. sheet D-Block is (A= 3d5 (Is) outer sheet Maximum Covalony = number of (n-1) dit + humber of nse = 5+1=6

Oxidation state

H with non metals = -1

 $HN0_3$ 1 + 12 + 3(-2) = 0 1 + 12 + 3 1 + 12 + 31 + 12 + 3

150 y = + (ty 50, - + 4 H(10 = +1 H(102 + 3 H(10) = +5 H(104 - +7 T2P02 - +1 12 Po3 - +3 13 Pby 1 5

Ly Hysion +1 17206 -113 HN3 -2 00 + 4 13 63 +3 H3 B03 +5 HASoy 14 Hy 1206 +3 4 9205

Hy/207 +3

H 5206 45

4504 +3

$$1 + 300 = 0.$$

$$32 = -1$$

$$3 = -1$$

X+ I(+1) = 0

$$\frac{N_{1}^{2}OH}{N_{1}^{4}OH} = \frac{N_{1}^{4}OH}{N_{1}^{4}OH} = \frac{N_$$

$$\chi + \chi + (-2) + 1 = 0$$

$$\chi = -1$$

$$\chi + 4 + (-2) + 1 = 0$$

$$\chi + 4 + (-2) + 1 = 0$$

$$\chi = -3$$

$$\chi + 4 = 0$$

$$\chi + 4 = 0$$

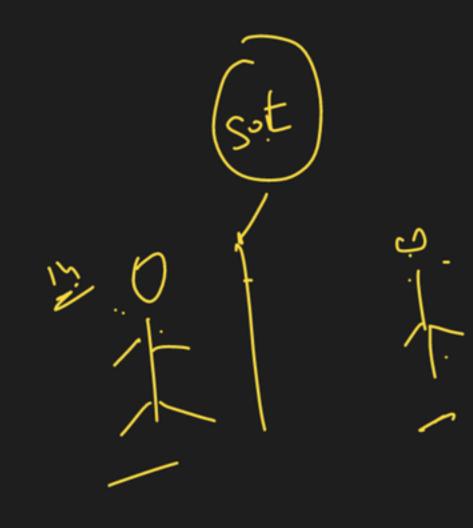
$$\chi + 4 = 0$$

- Gralmy on in excitation state but brailing only time Corgling depends upon animber 6 f bonds

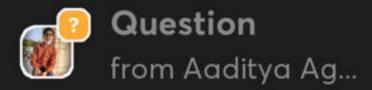
oxidation state permans formal charge Oxidation state = live, -ive, o and fractional do es not dep. on nymber of bonds Object of the following set of an element have some maximum covaling of S, My (2) Se, Ti (3) S, Cr (9) Lone

$$S = 3s^{2} 3p^{4} = 6$$

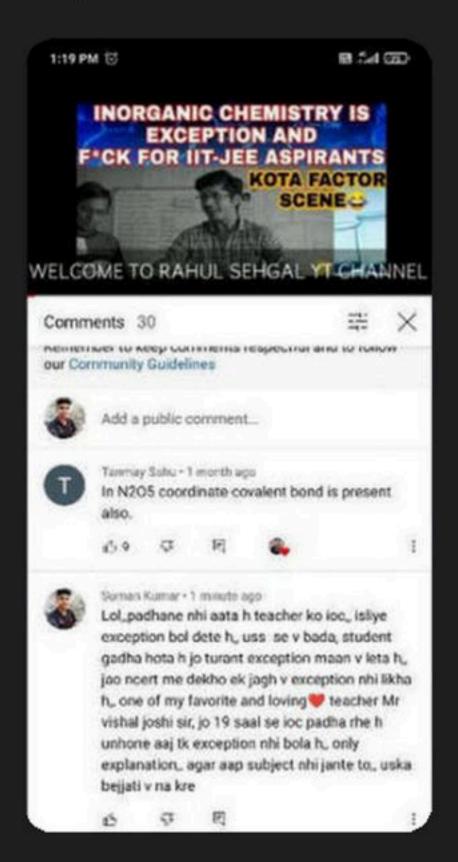
$$(\Lambda = 3d^{5} 4s)$$



Covaling O D .s



sir ye vo h exception wala

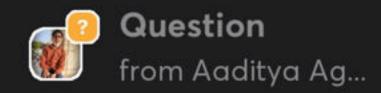


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find the number 2) 5 (3) 2 Mn - 3d 43° - 512

June in My

3/2 45



sir bas 1 last ye h ye bhi dikha dijiye

