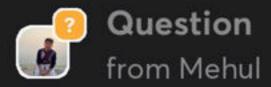
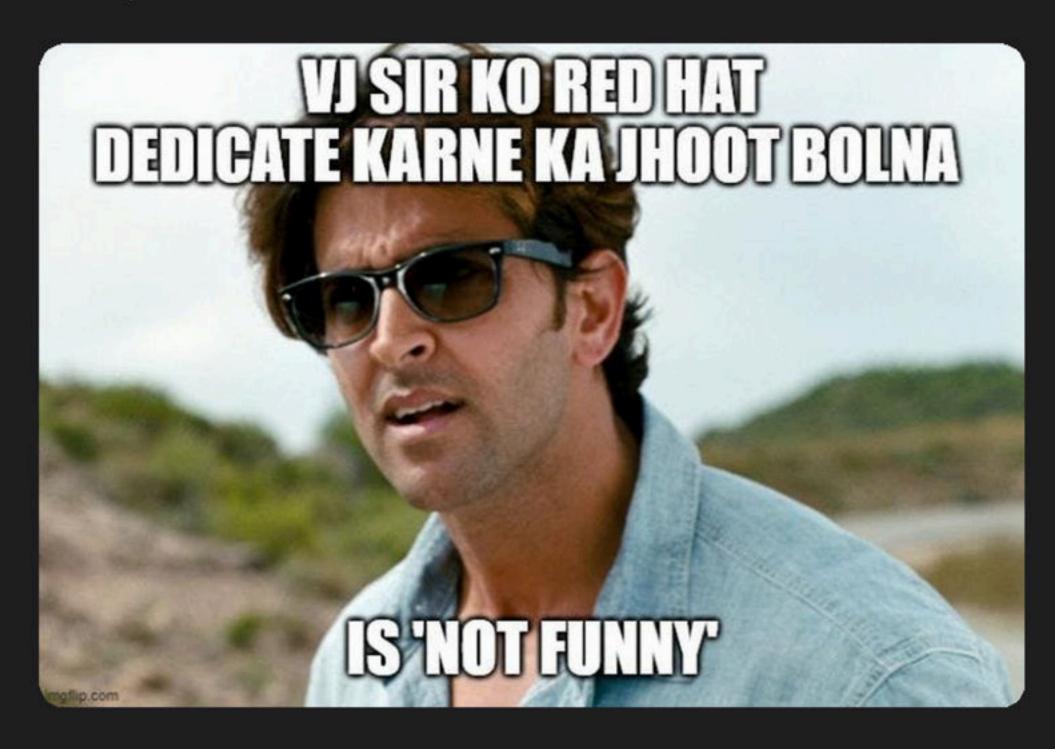


Course on Chemical Bonding for Class XI 2023



Love you 3000 sir



$$ND_{3}^{-}$$

$$ND_{3}^{-}$$

$$ND_{3}^{-}$$

$$ND_{3}^{-}$$

$$ND_{3}^{-}$$

$$ND_{3}^{-}$$

$$ND_{3}^{-}$$

$$ND_{4}^{-}$$

$$ND_{5}^{-}$$

$$ND_$$

$$f \cdot c \text{ on } 0 = 6 - 2 - 6$$

$$= -1$$

$$= -1$$

$$\begin{cases} c \text{ on } p = 6 - \frac{1}{2} - 4 = 0 \end{cases}$$

$$= 6 - \frac{1}{2} - 4 = 0$$

$$\begin{cases} c \text{ on } p = 6 - \frac{1}{2} - 6 = -1 \end{cases}$$

$$\begin{cases} c \text{ on } 0 = 6 - \frac{1}{2} - 6 = -1 \end{cases}$$

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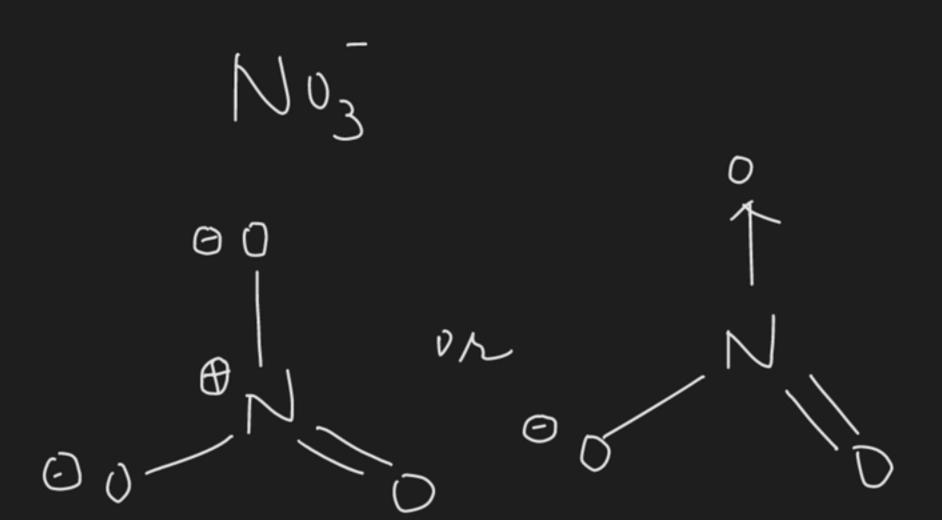
$$\begin{cases} c \text{ on } 0 = 6 - \frac{1}{2} - 6 = -1 \end{cases}$$

1 (one) I bond pair l.l.: two e collaborary called lone point

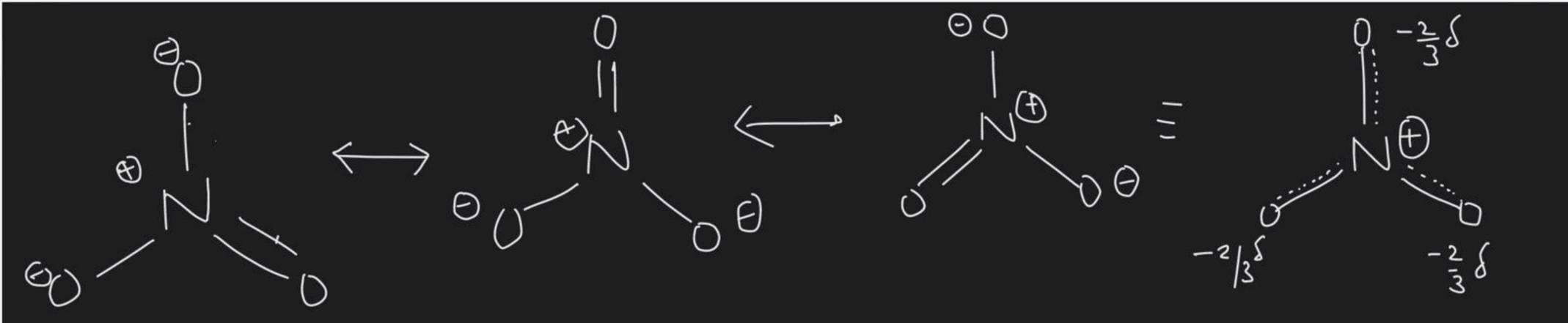
Noy

Find the ownber of l.l on Natom

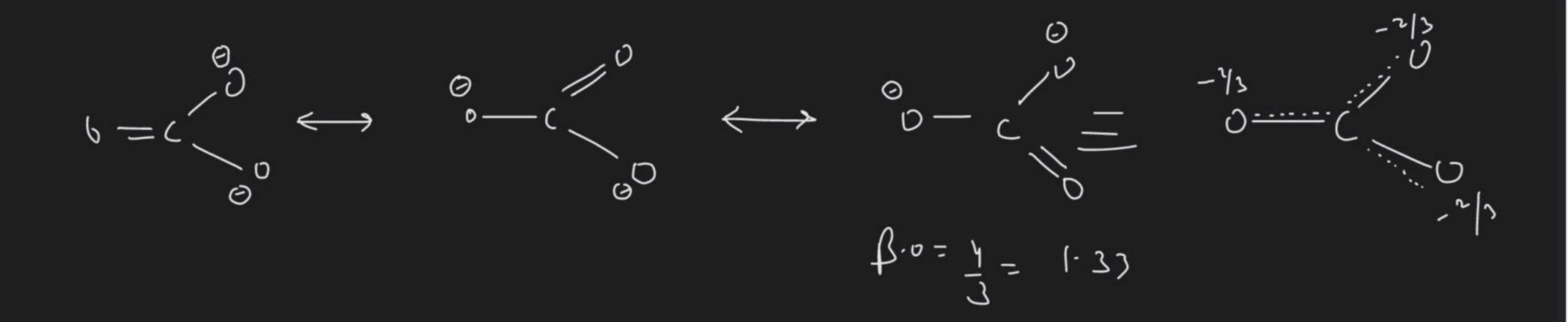
Am = 1



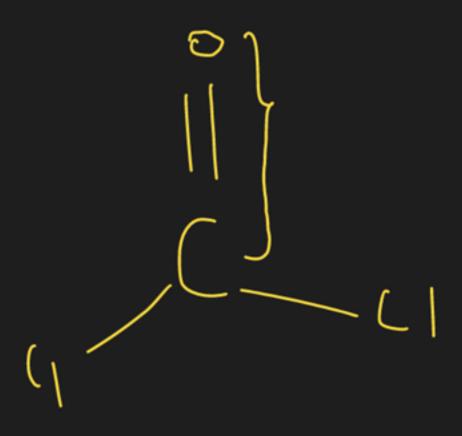
6 -ondinate bond 71 - Co-ordinate $C \stackrel{\longleftarrow}{=} 0$

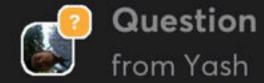


$$R_{0} = \frac{4}{3} = 1.33$$



Correct order of (-0 B.L in (D) (b) (b) (c) 2 $\mathcal{O} = (-1)$ 0 6,2 > (0> 62 5 6-1 > 62 > 60 B.O att B.L (h) (0) (0) (0) (52 B.0 = 1'33 Co2 B.0 = Z Co B 0 = 3

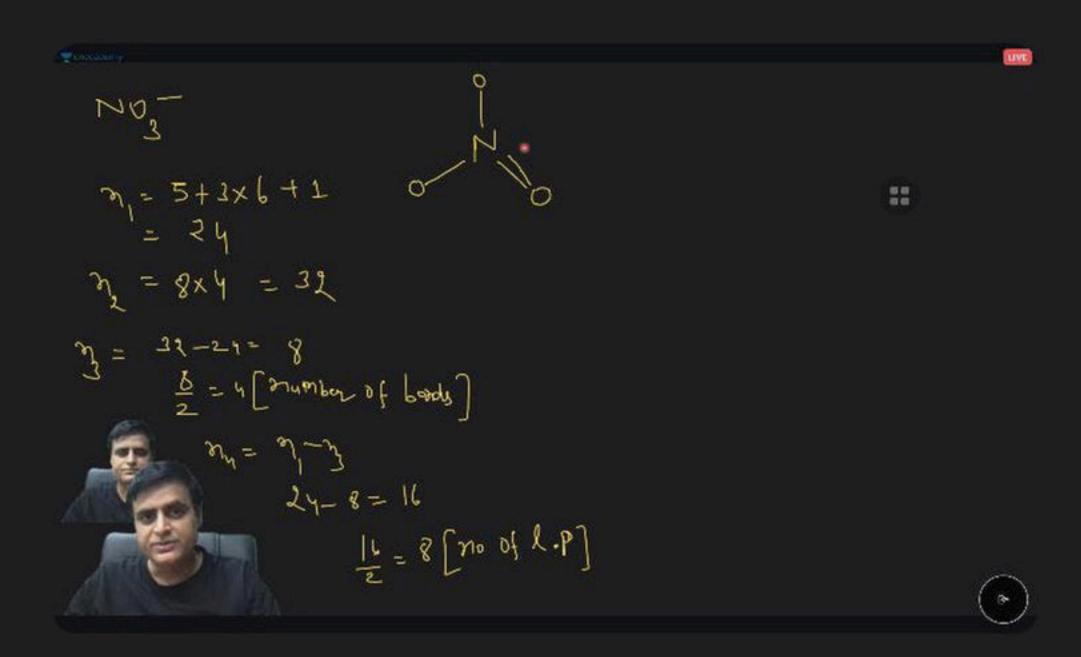


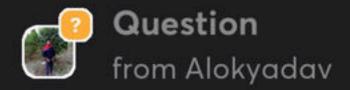




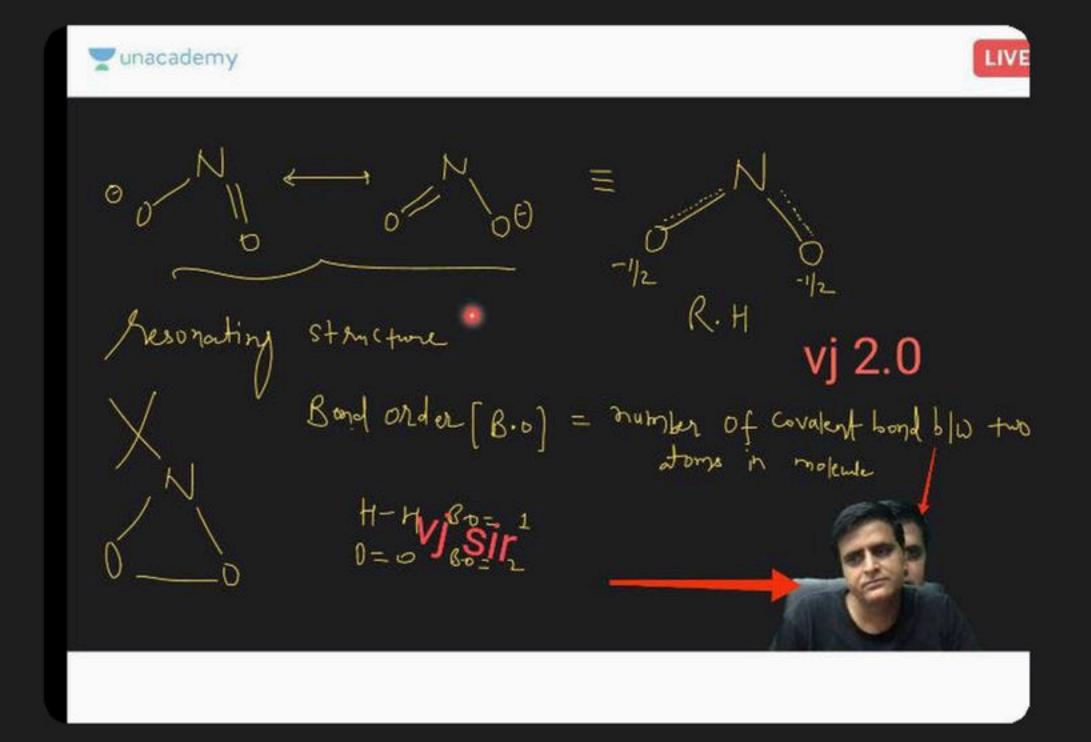
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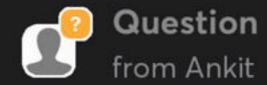


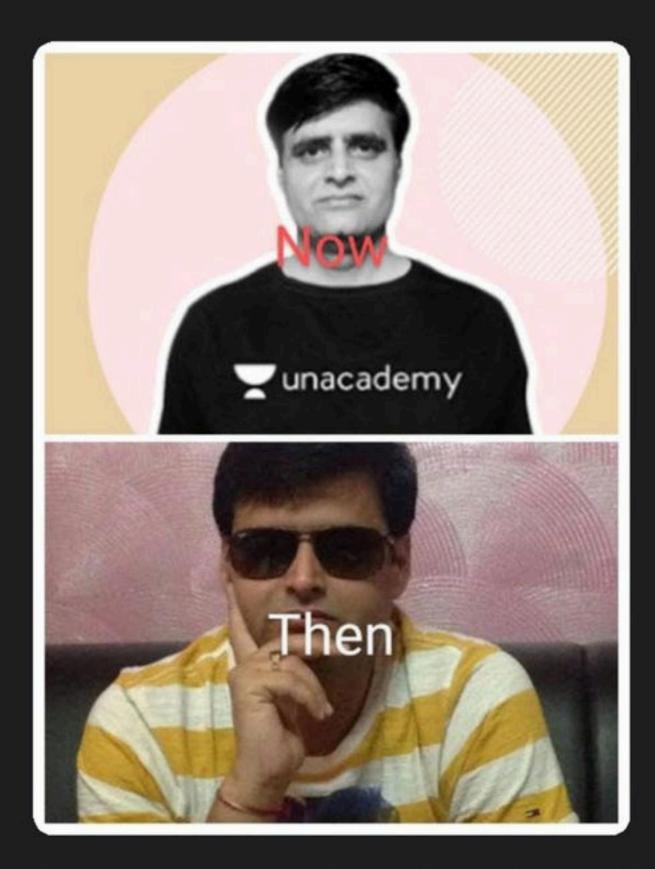




Vj 2.0 sir







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$$y' = y' - y^{2} - 5 \left(y \cdot b \right)$$

$$y' = y' - y^{2} - 6 = 10$$

$$y' = y' - y^{2} - 6 = 10$$

$$y' = y' - y^{2} - 6 = 10$$

$$y' = y' - y^{2} - 6 = 10$$

(in shared e - W) = 8 - 5 (Shared e -)

me N-0 B.L, 6Mect order (i) No > No; (ii) No; > No; (iii) No; = No; (iv) home

> NOZ B10- 1.5) NOJ B.v- 1.33)

> > B.of B.L.

typo val. - moletule in Which (extral atom (c.A)
has less than 8 € is tooleande in which Central atom ((A) has
more than 8e-(Super octet)
typer val totalvale 2 3 4 5 1 7 8
Be B C N O F NE

Alfz — Tohic

152(5220)

152(5220)

8e
8e-

Berg All Be---1 60 tlypoval. 工气 $\bot F_5$. . (1: loe-12eCo-ordinate bond - it is formed by unequal sharing (AGB) on A-B

Dimple Covalent bond A.B Co-Ordinate [4regun].
A :>>B Sharring) 02 A B