



LAKSHYA

JEE 2026 BATCH



Organic Chemistry

Optical Isomerism

Lecture - 01

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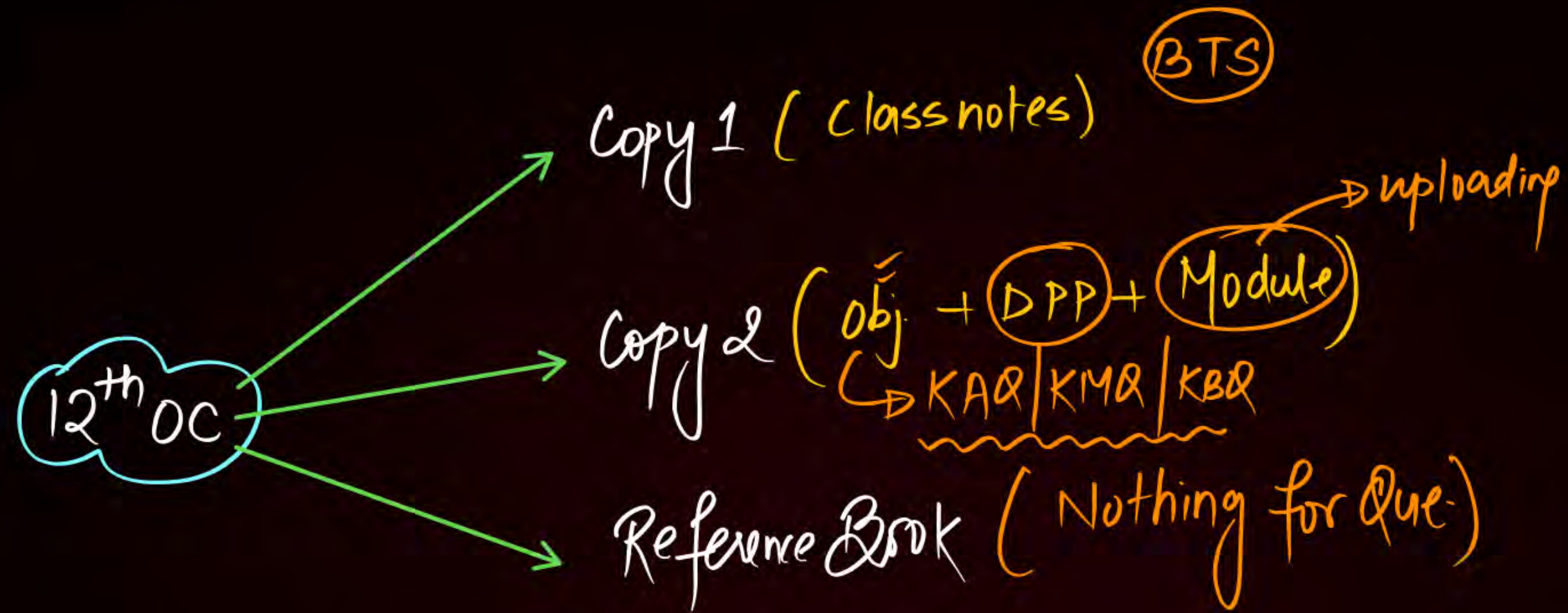


Topics *to be covered*

- 1 Basic Introduction
- 2



$\underline{11^{\text{th}} \text{ wasted}}$ \longrightarrow - ything will be in $\textcircled{12^{\text{th}}}$ $\underline{11^{\text{th}} + 12^{\text{th}}}$



05/June/2025 → #JEE Phodenge }

Basics

* Catenation

C $1s^2 2s^2 2p^2$

G.S.

↑↓	↑↓	↑	↑	
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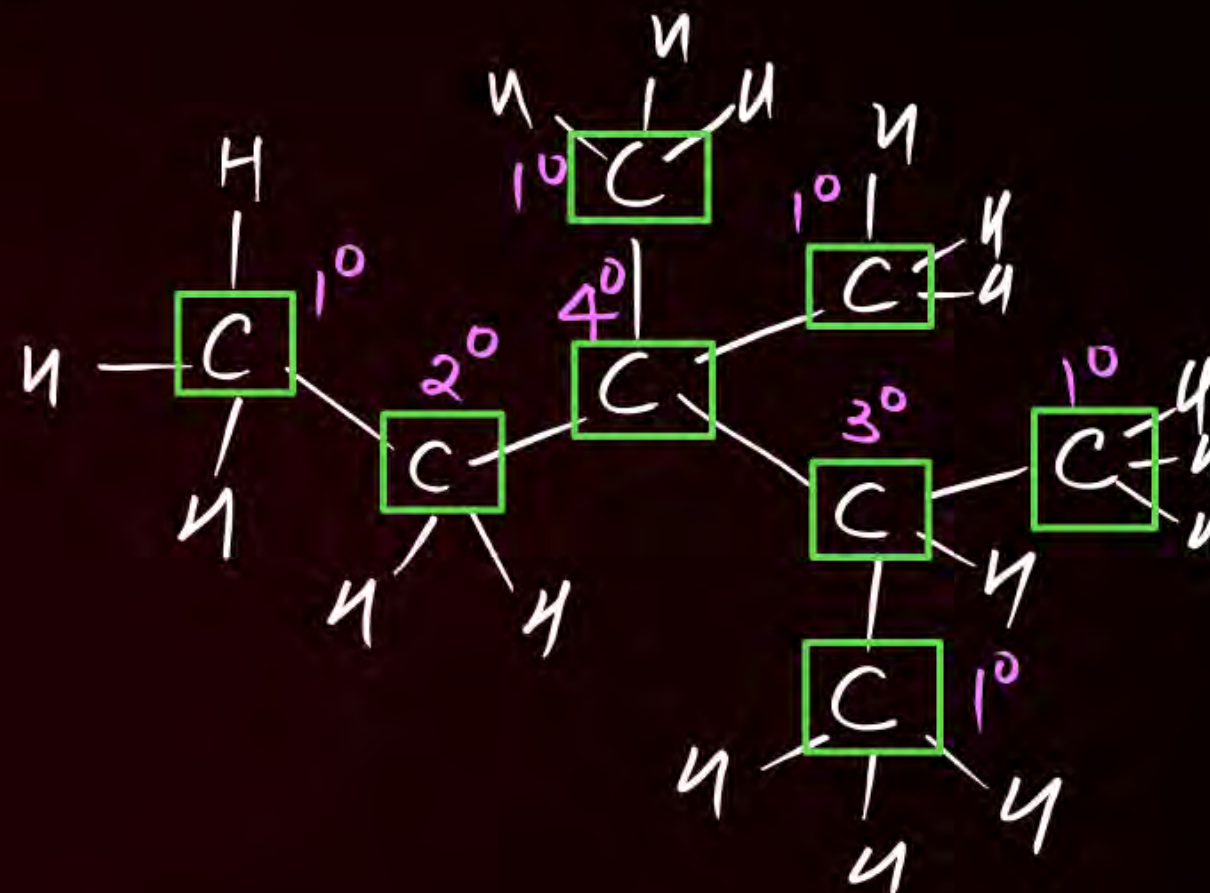
F.S.

↑↓	↑	↑	↑	↑
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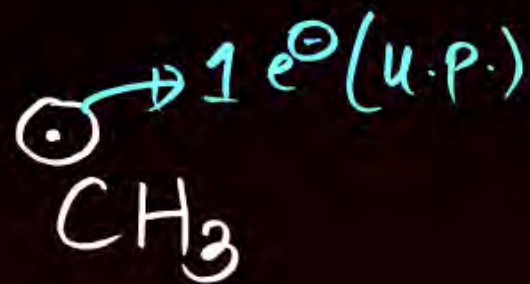
4 V.P.

(Tetravalency)

Ex:



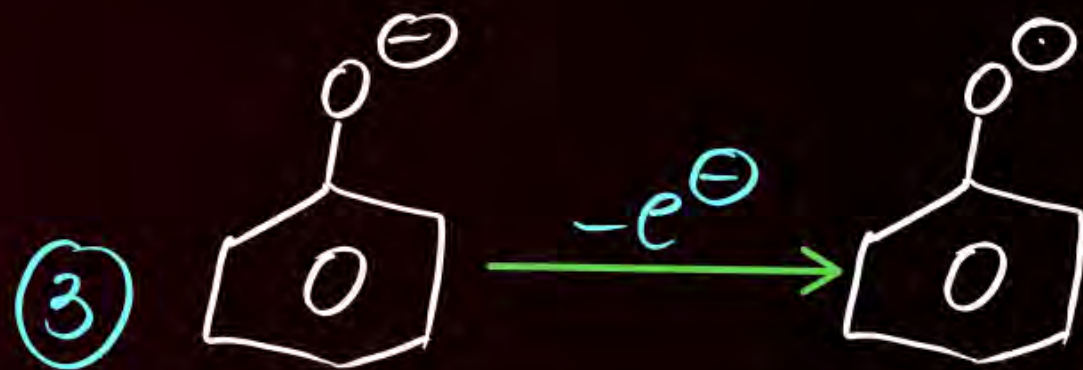
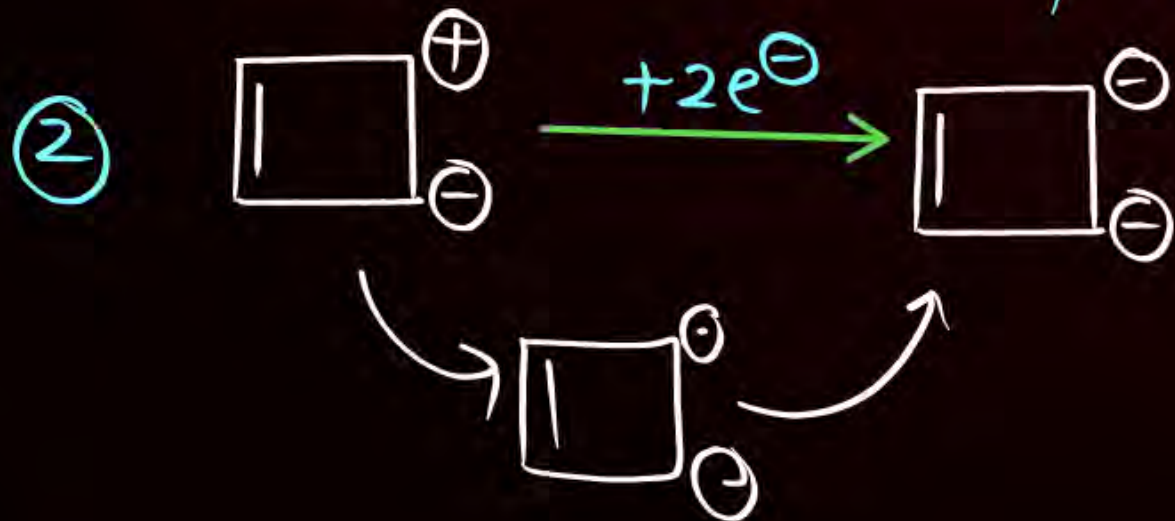
Intermediates
 $\oplus \text{CH}_3$



Vacant P^{\ominus}

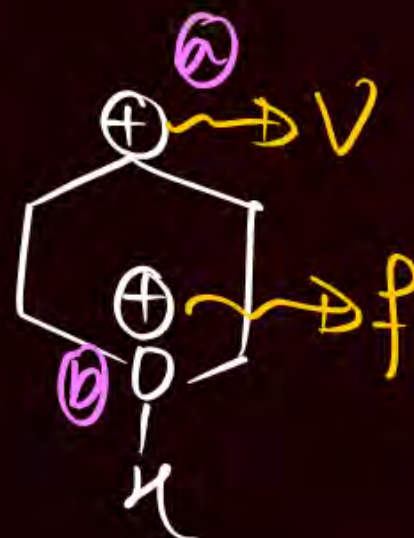


ex: ①





Q: ⑥



f/v

(A) f, f

(B) f, v

(C) v, v

~~(D)~~ v, f



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THANK
You