

Course on General Organic Chemistry (GOC) for Dropper 13th students



EXAMDAY

Monthly Batch Tests | 25th of Every Month

Next TEST on 25th September

(S) 5:30PM to 7:00PM

Don't forget to give your Exam. Let's Crack It!







Monthly Batch Tests



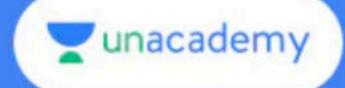
25th of Every Month

Next TEST on 25th September 5.00 A.M.

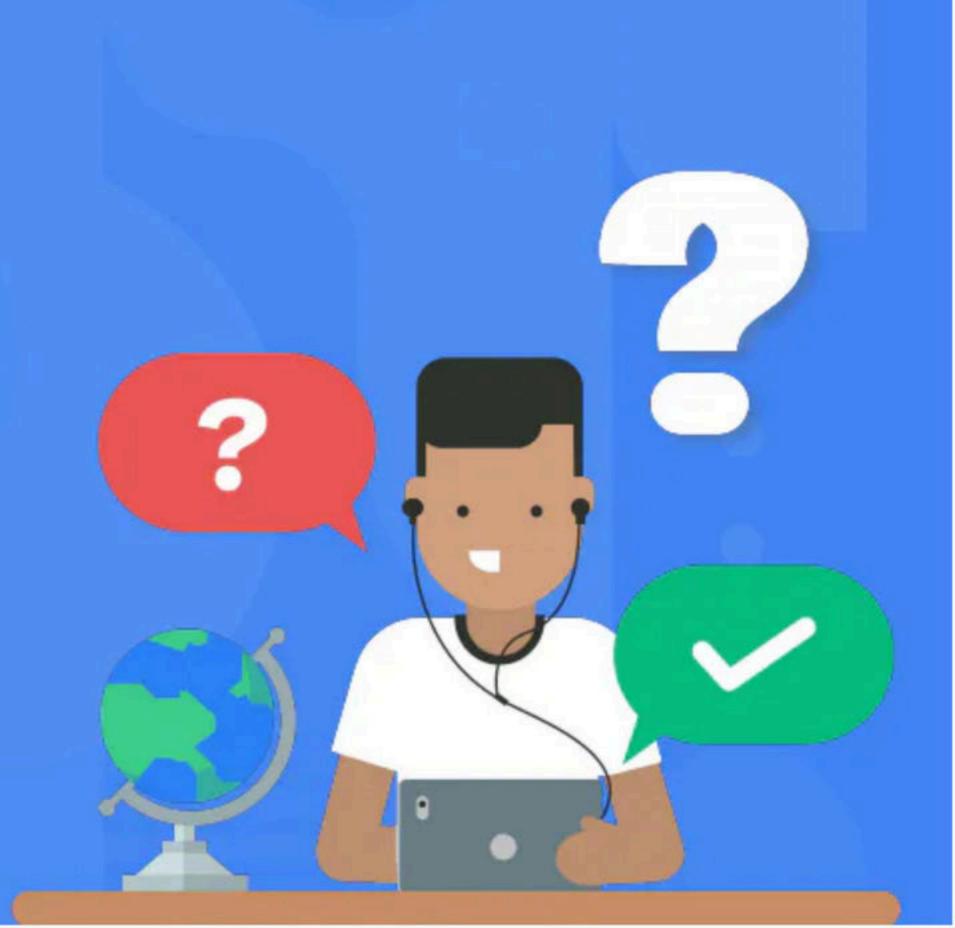
Don't Forget to give your Exam.

Let's Crack It!





Unacademy
Ask a Doubt



Unacademy Ask a Doubt

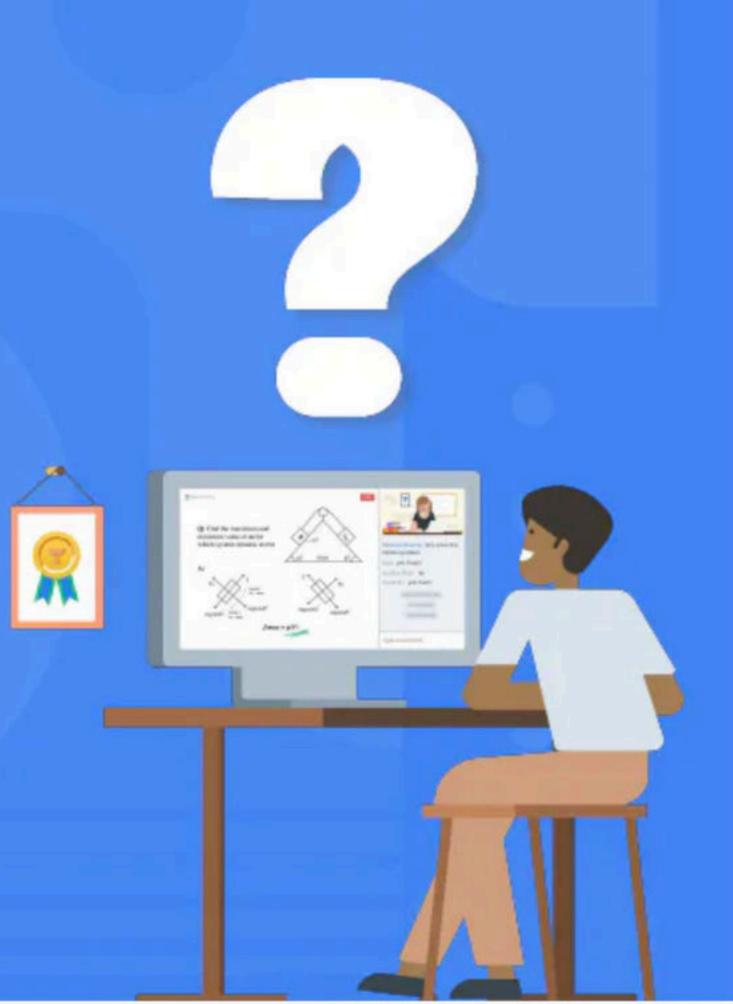
Ask Unlimited Doubts Any Time

Got High-quality Video Solutions In English & Hindi

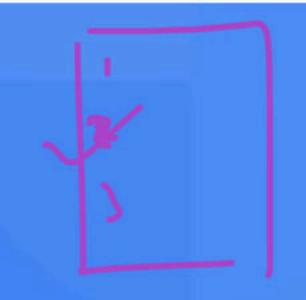
Receive Exact Matches For Questions

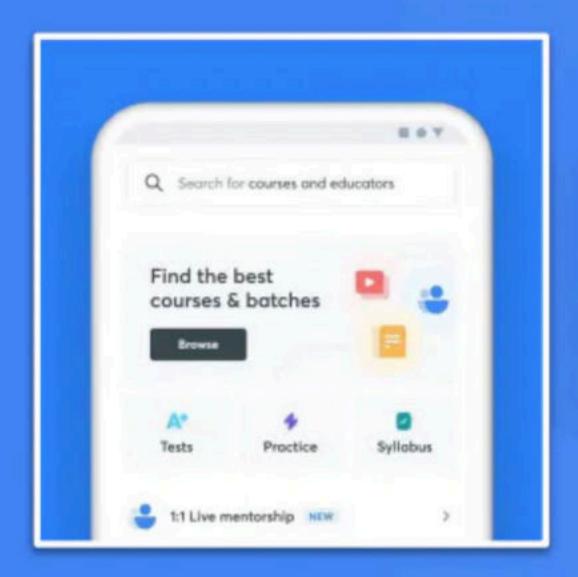
Obtain Instant And
Accurate Solutions To
Lakhs Of Questions

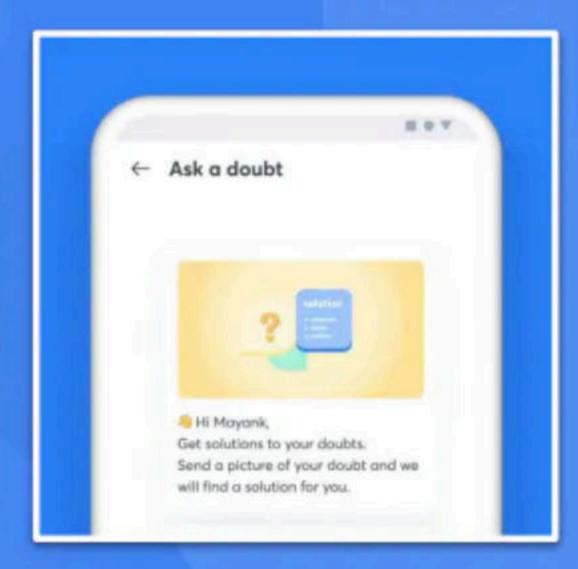
Get Assistance With Homework

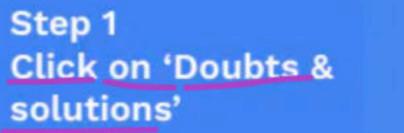


How to Ask a Doubt

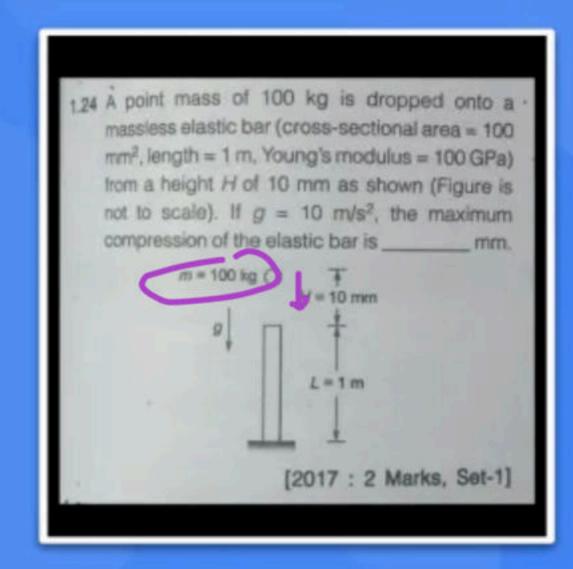






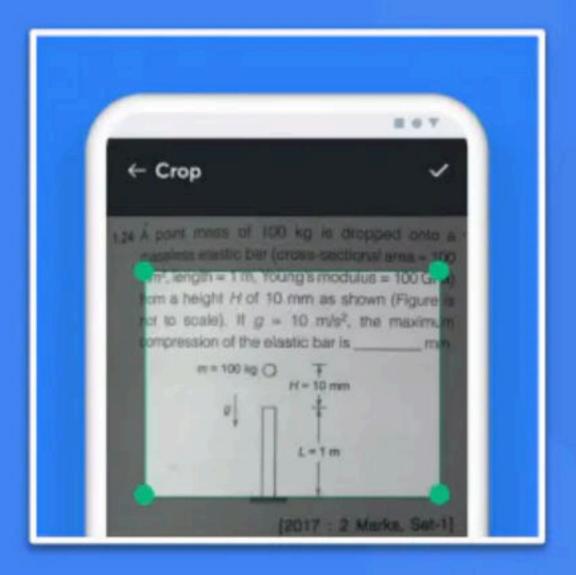


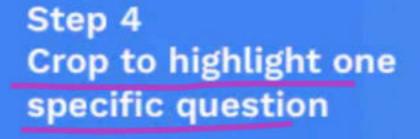
Step 2
Select 'Take a picture' or
'Choose from Gallery'



Step 3 Click/select a picture of your question

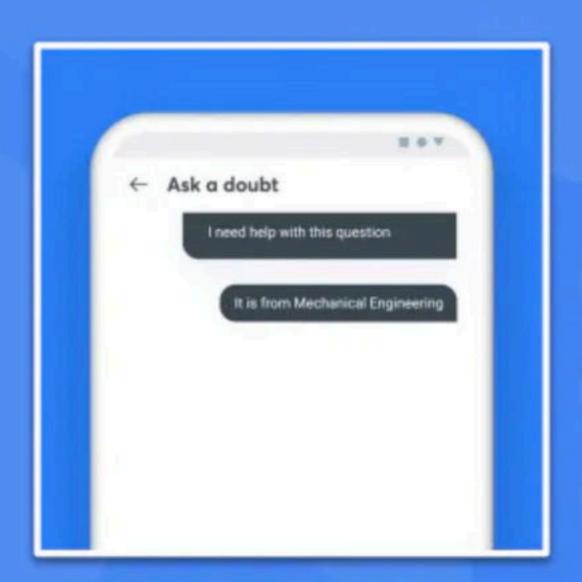








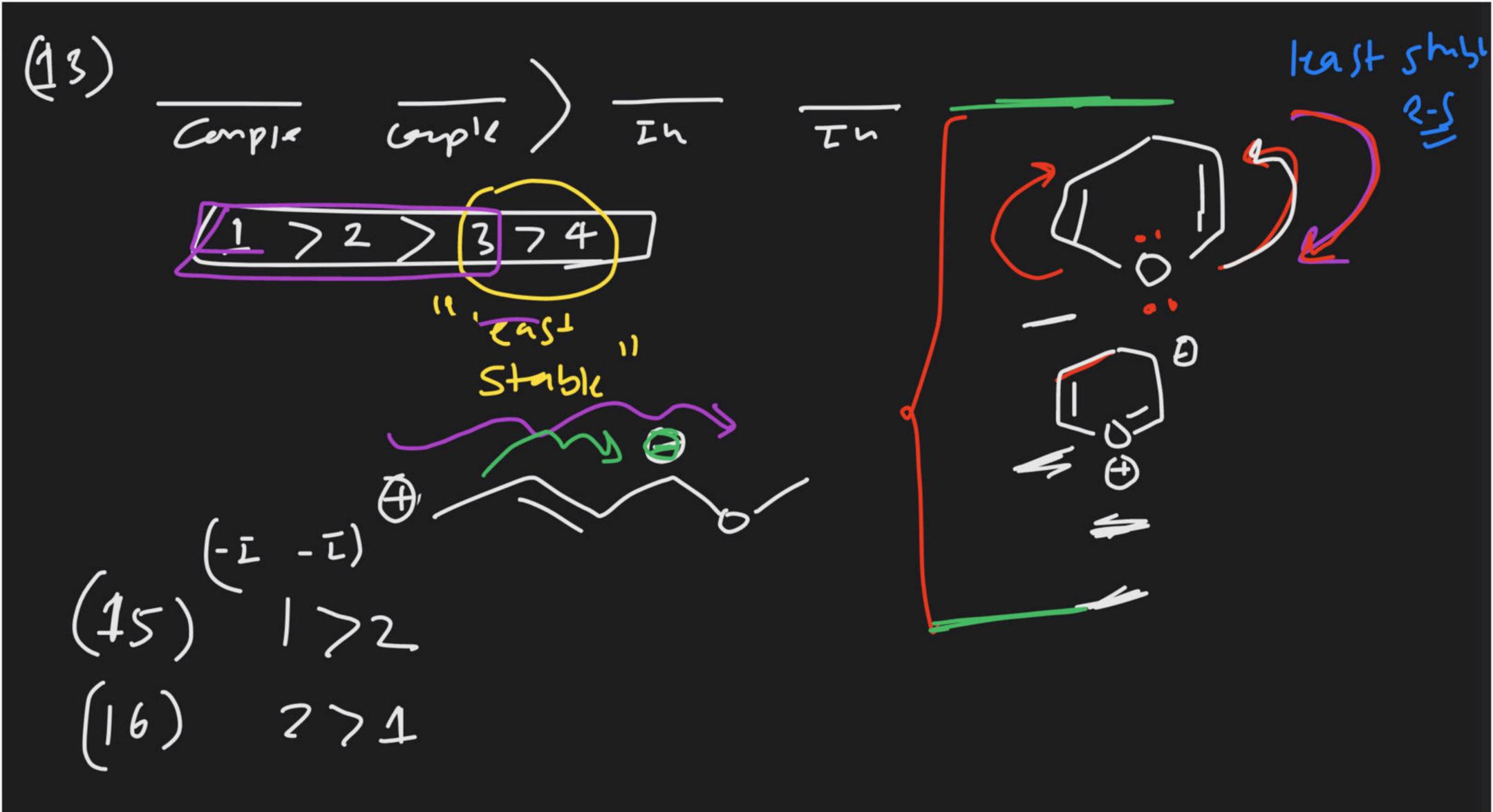
Step 5 Choose the subject that the question falls under



Step 6
Sit tight, you'll receive
the solution soon!

(12)
Octob
Cuplet Cape

From
Cuplet Cape



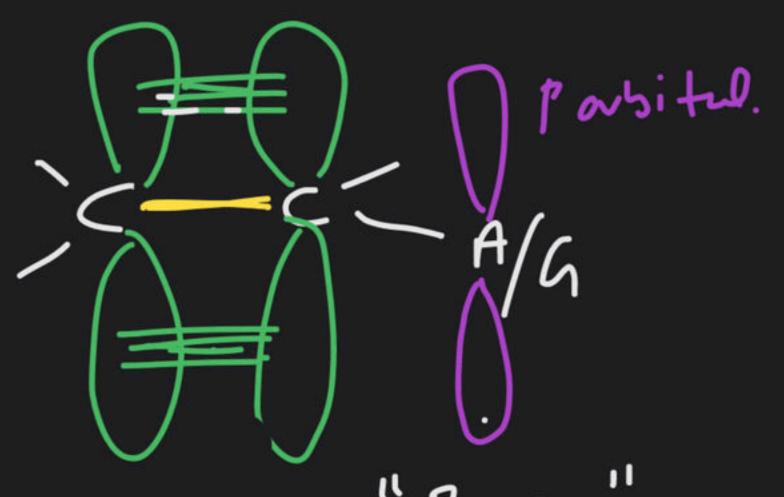
Resonance Effect

away

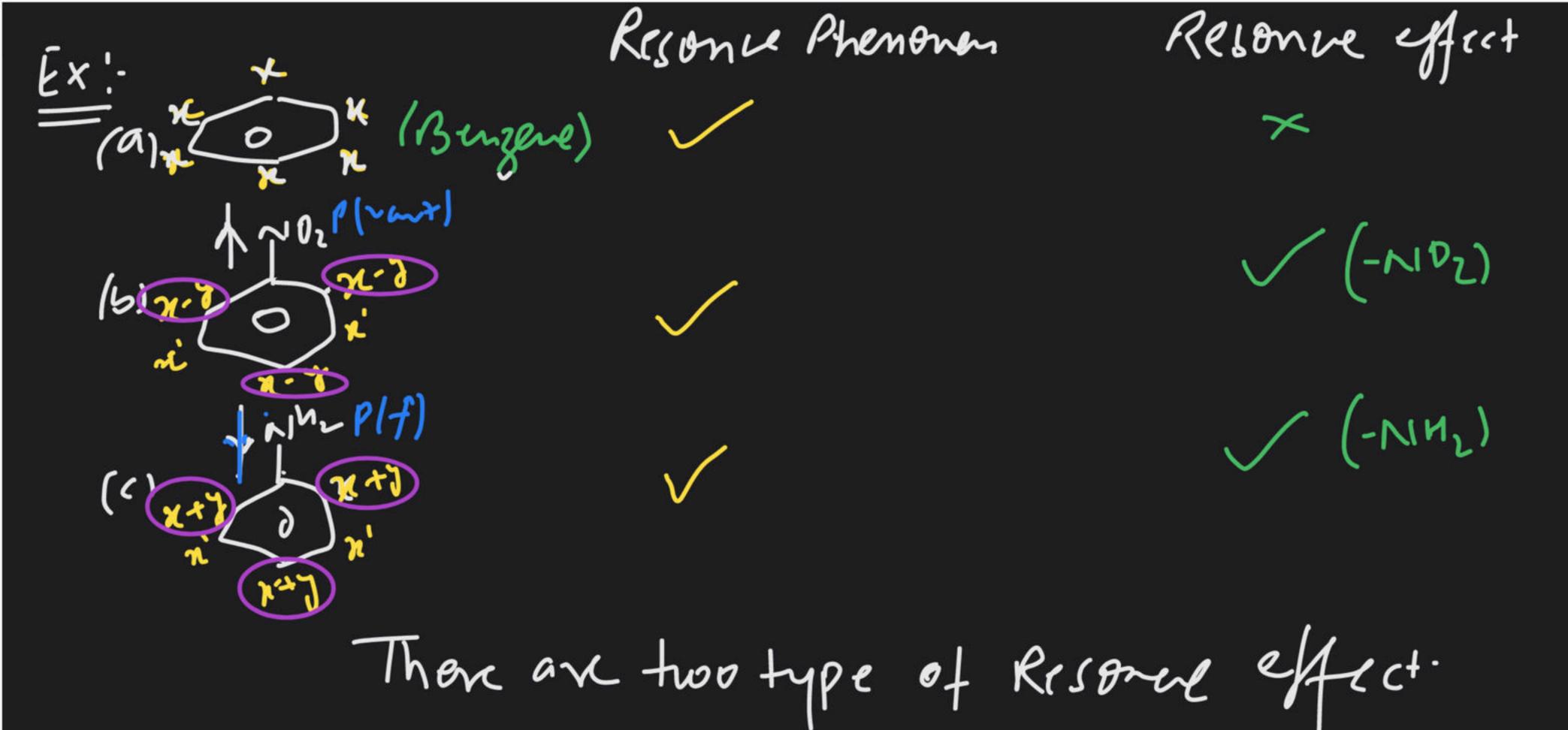
Displacement of The electrons of a system is due to

Porbital of directly attached atom/group is lancon

as Resonce/mesomeric effect of that Atom/group.



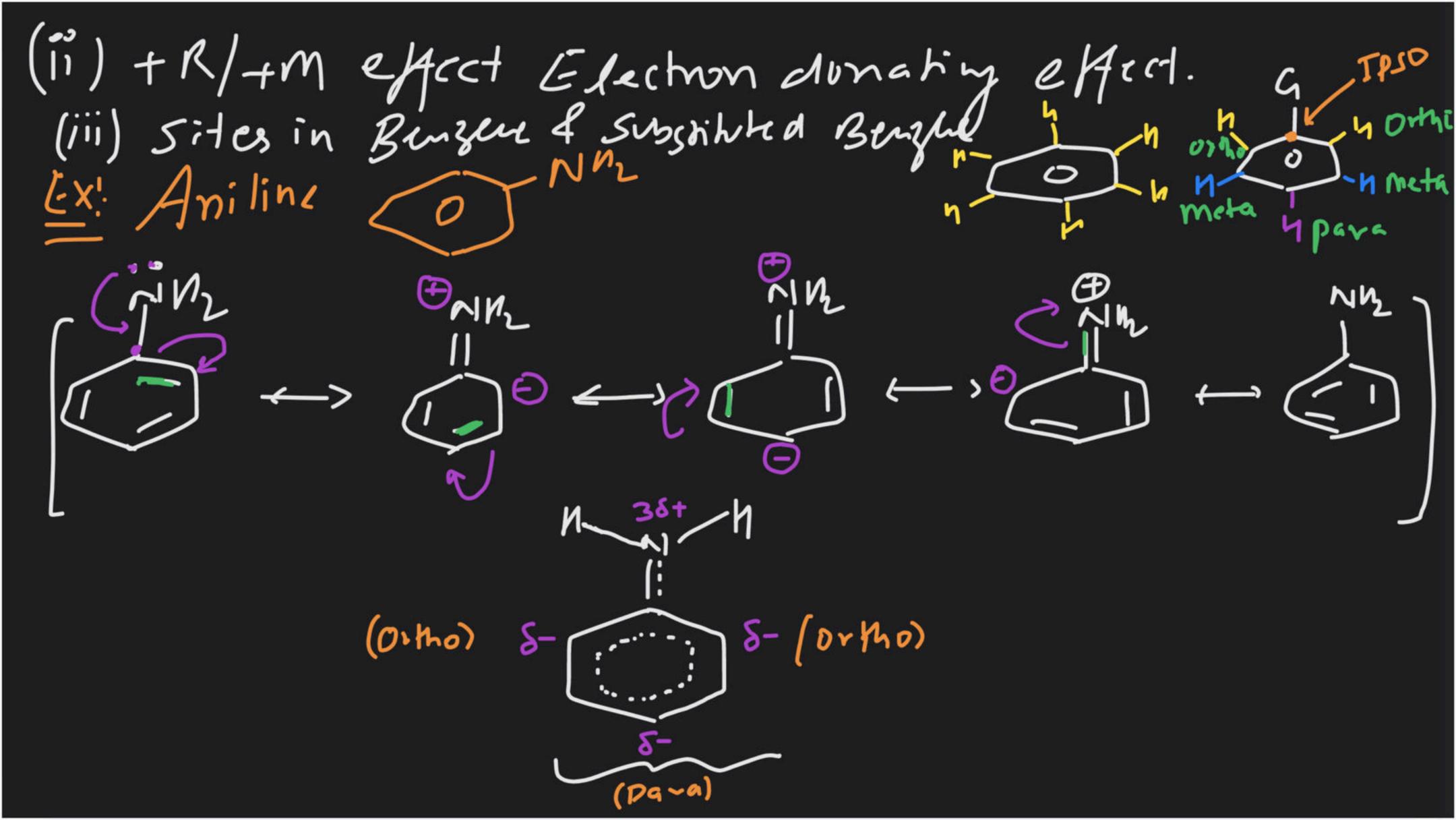
"Reason"

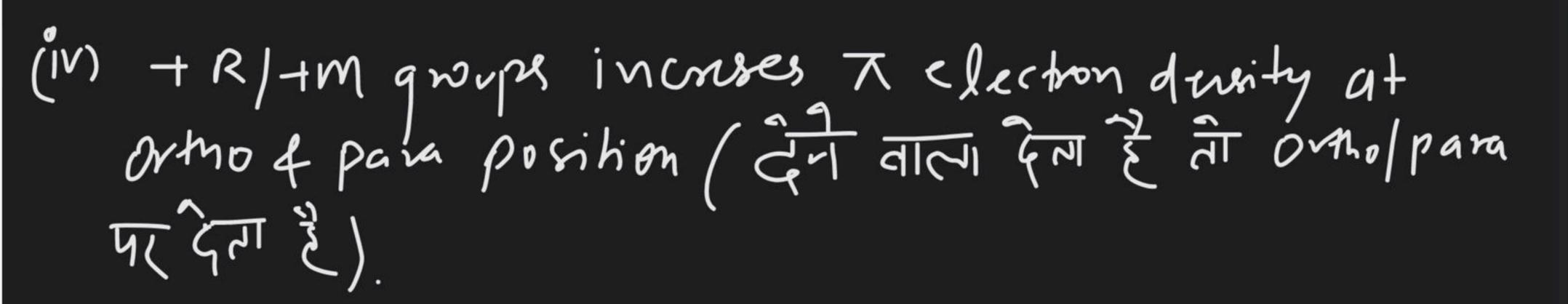


(1) [+R/+Meffect] Displacement of The density of a System growing to parsime

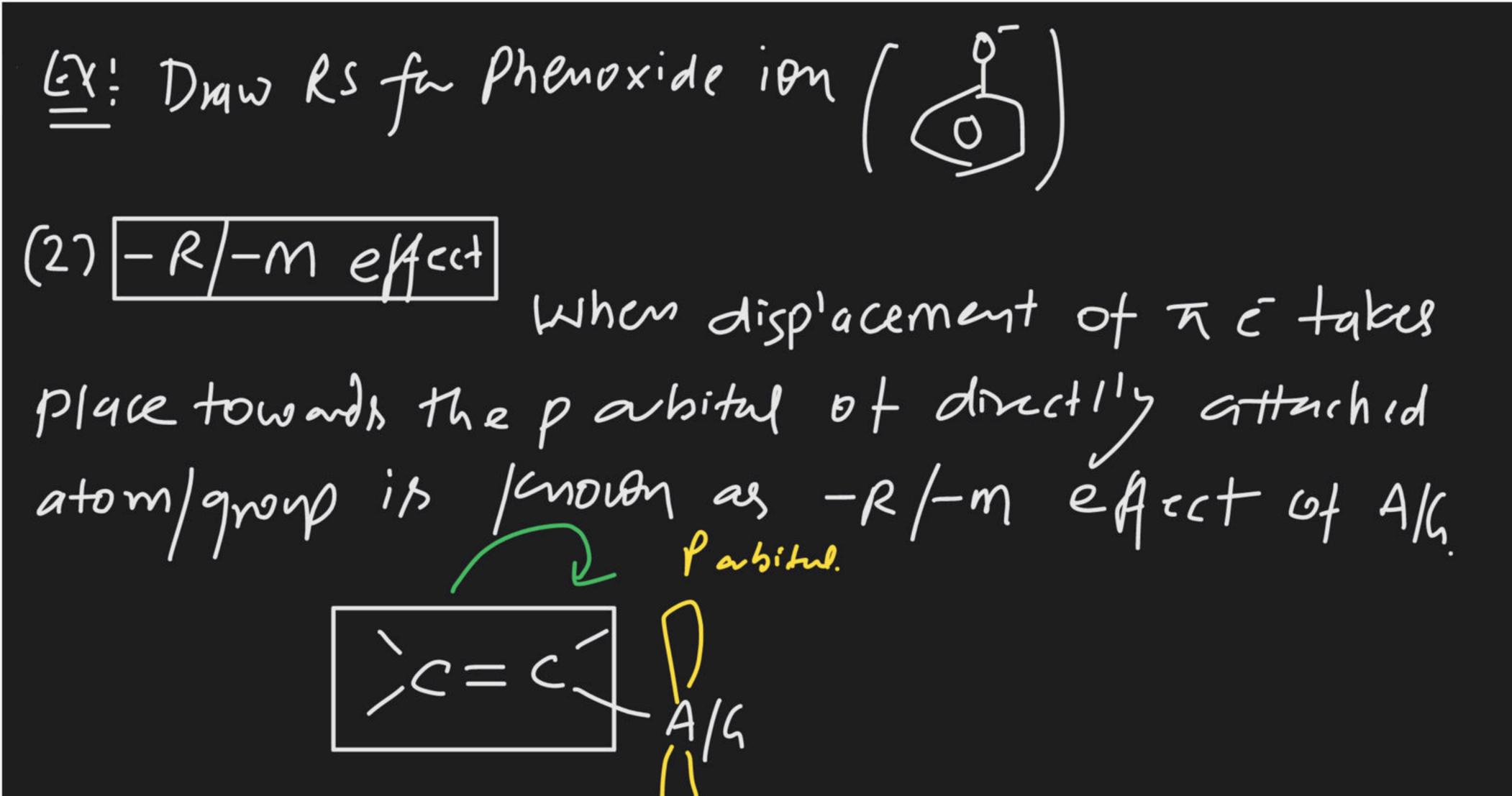
of directly attached atom/group is known as +R/+M effect of that A/G.] c = c/A/4 => Porbital most be filled.

P(filled) - ON (i) -OR — (i: -W20 - MB — B~ - NHR -0-c-cm — T -Nn-4-Cm -NRz





(V) +R/+m groups ax ortho/pgra directing for incoming electrophiles.

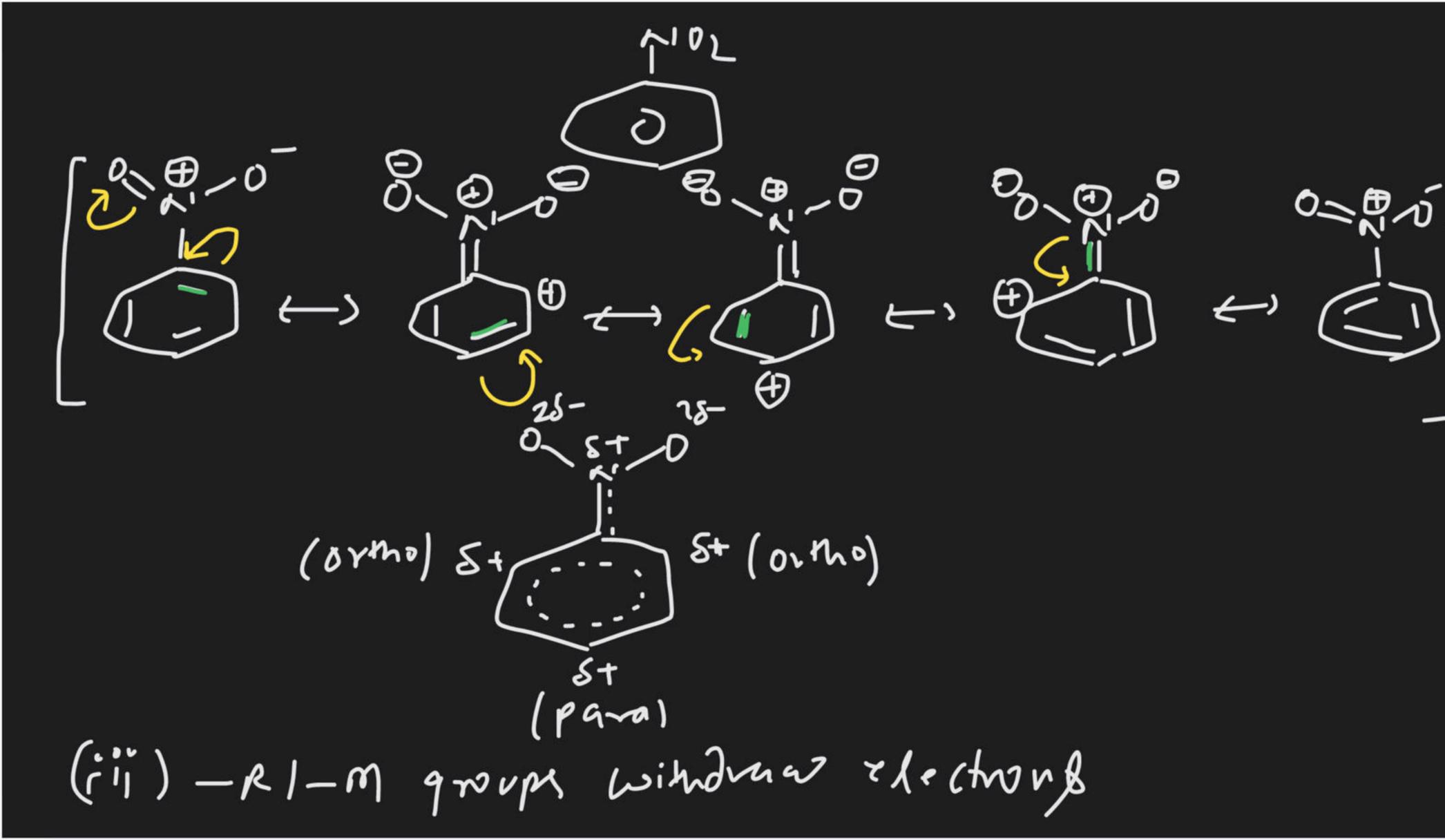


Note (i) Porbital wd be either eractily vacant

or may be vacent.

(ii) -R/-M effect is election withdrawing effect

EX: Druw RS of Nitro Bugue



from orthof para position (in -R/-m groups are meta directing for incoming electrophiles.

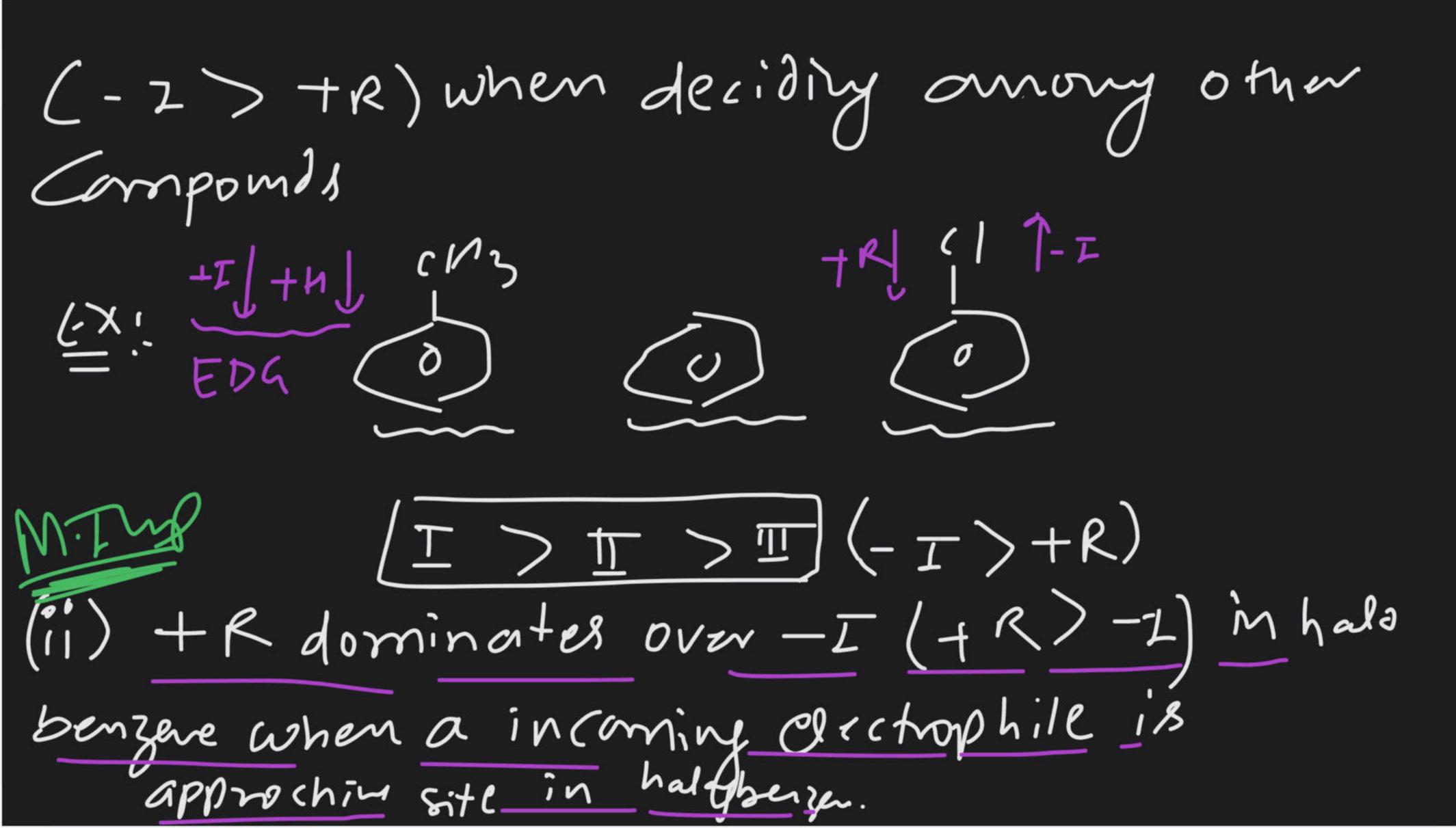
ND1 St St I= (D) Meta (St) (0) Ex: Benjonitale

(#) Activating Compound! All Compounds which are more reactive towards Electrophile than Busque (ot+z/c/fect Netewishing Lynne an moun (T+7) CHect Activative Net Edonative Compunds Achivating

Note) (i) For Activating of Deactivating tendeny
Net electron denty (0+2) is Considered.

Deactivating Compounds Compounds which and less reactive - - -

(i) haloger in halo benzene is net electron with drawing in nature of inductive effect dominates over Resonce effect



(iii) Ele chophilic attack orda

$$\frac{ED4}{ED4} > 0 > 0 > 0$$

Net electron

Activating Composed Mighly weakly Arthraling moderating Achulin 205 -0° - MP2 - Cy-uz -0-c-m -NUL - un -Nh-c-03 etc. OAP directing.

Deactivating Compands Weakly death. Mod. Highly Deachung — f.: - Kr3 OAP dinchi Meta dinchy.

EX-1 Arage following in deeming and of reak of
Electrophilic attack

(6) Benzene Tolnere Chlambezne

(b) m-xylene, p-xylene, Toluen

(c) Aniline, phonol, Achin'ide

A) Phanol, phange Bangoak, Comere

(e) 0-Tolvedine, tolvere, Miline

(f) Misole Ethyl Buzue Nitro Buzue



7 · Asked by Athrva

sir aapki aashirvad amrit roopi.....ye jaivik rasayan vigyan ki neeli kitaab aa gayi.....ek apne mukh se bhi ashirvad ki varsha kr dein.....hini medium op

