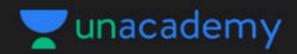


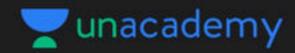
Course on Atomic Structure for Class XI



▲ 35 • Asked by Kavya

Charansparsh sir, last class me net chala gaya tha to wish nahi kar paya. Happy teachers day sir, mene apne hato se banaya hai :)





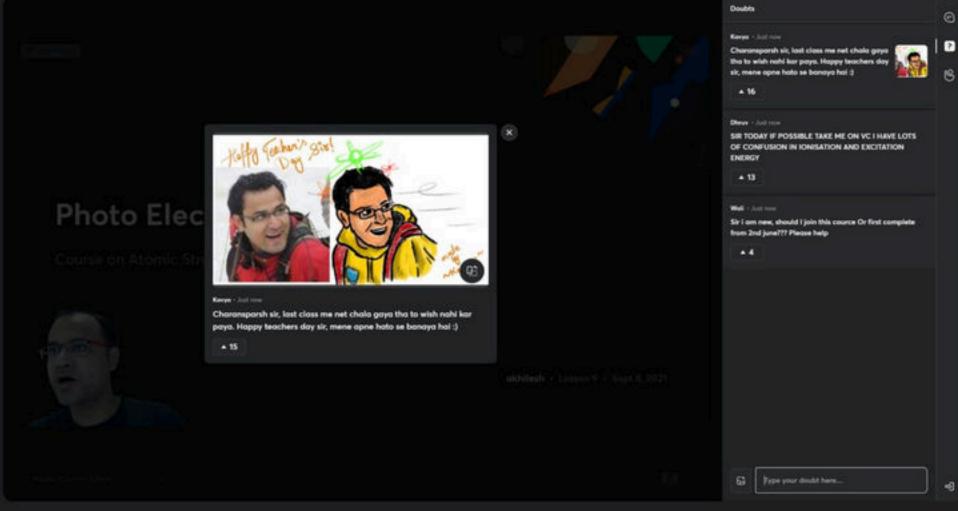
▲ 5 • Asked by Prathmesh

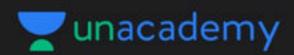
SIR KUCH ISSUES KE CHALTE LIVE NHI AA PA RHA THA BUT ROZ RAAT KO CLASSES DEKH LETA THA. NOW EVERYTHING IS FINE, I WILL BE LIVE AND REGULAR FROM NOW ONWARDS, CHARAN SPARSH SIR:))



24 • Asked by Ridham

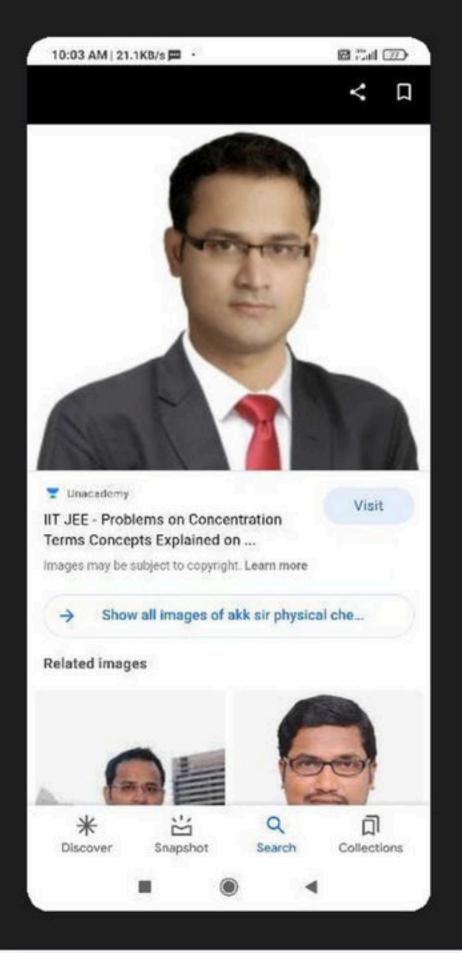
HAMARE PAS BHI AISI SCREEN AA GAYI DBT KI



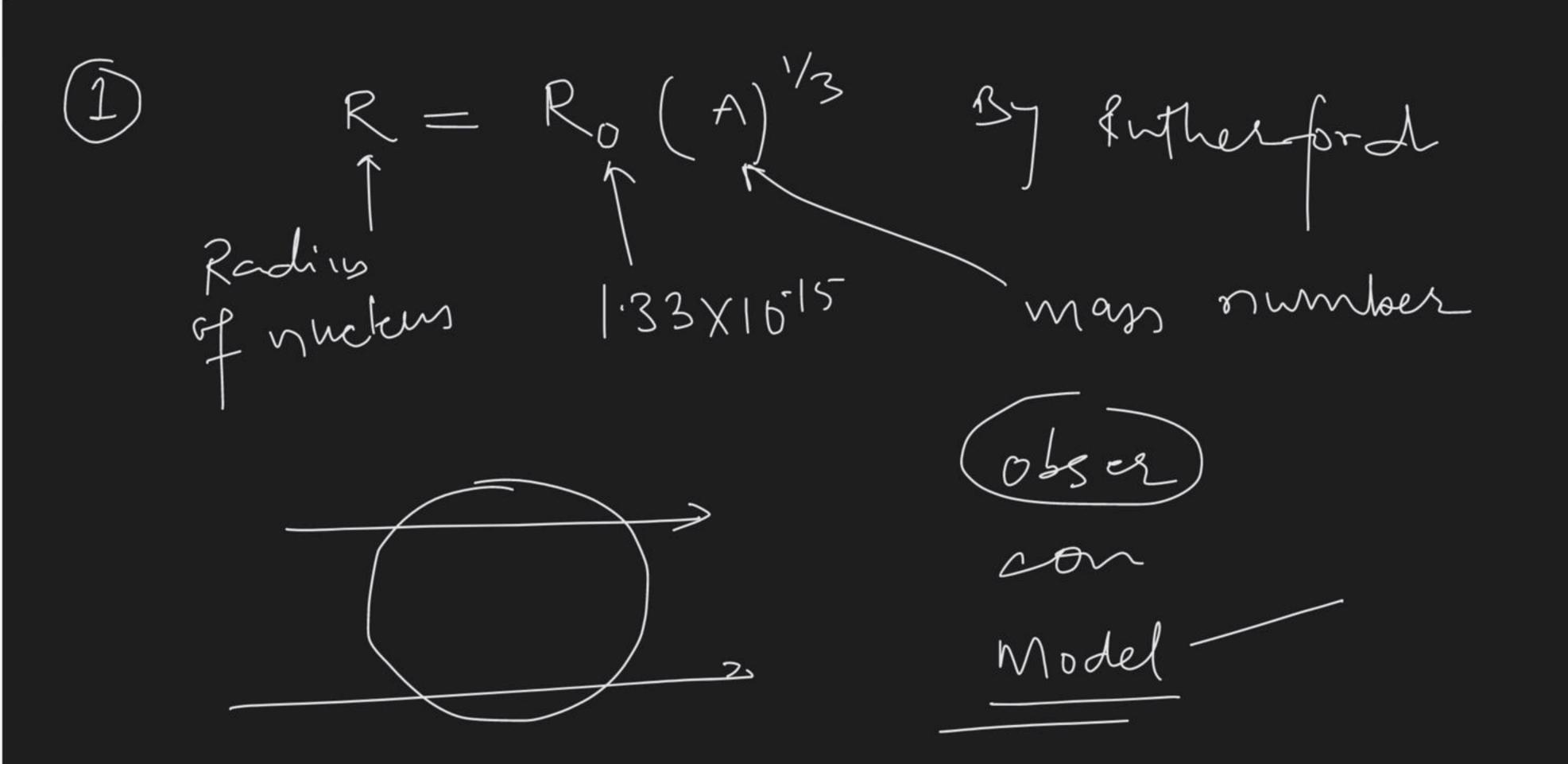


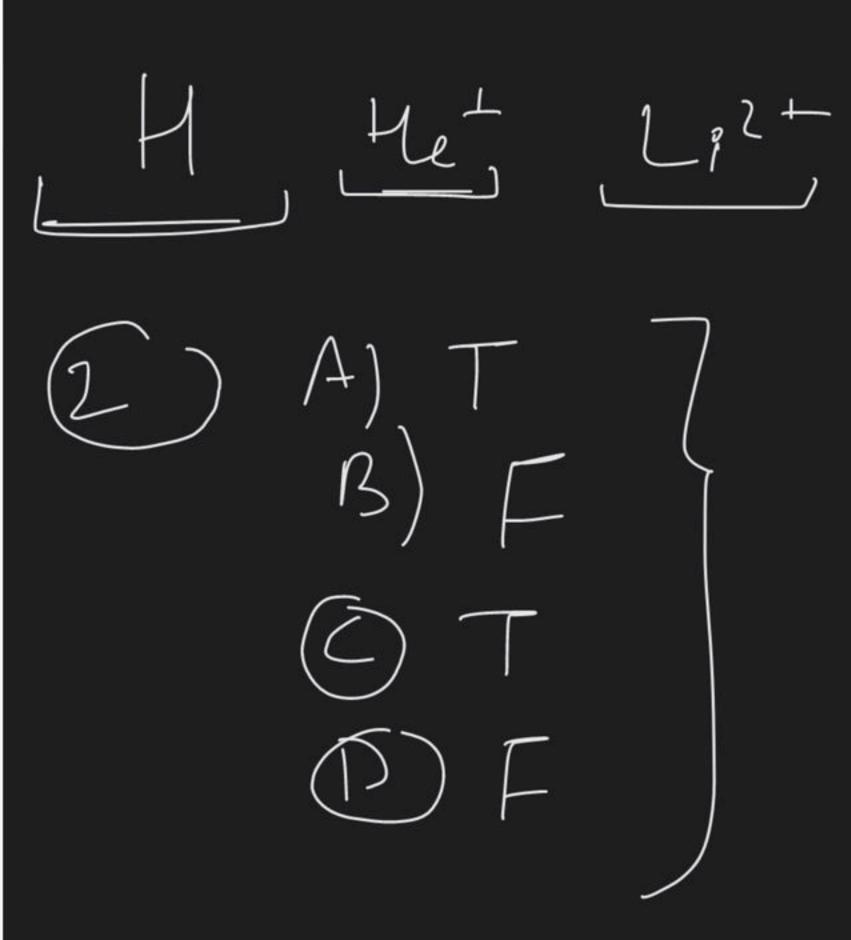
2 • Asked by Ankit Kuma...

Take me on vc

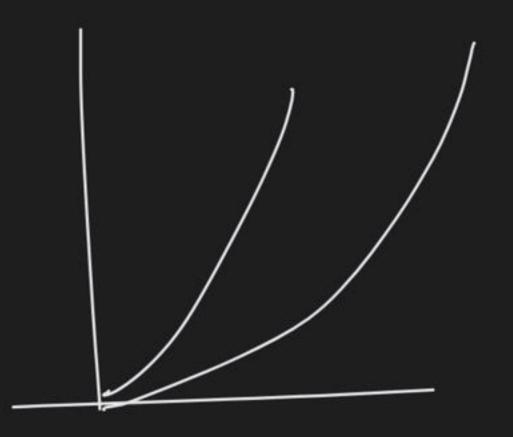








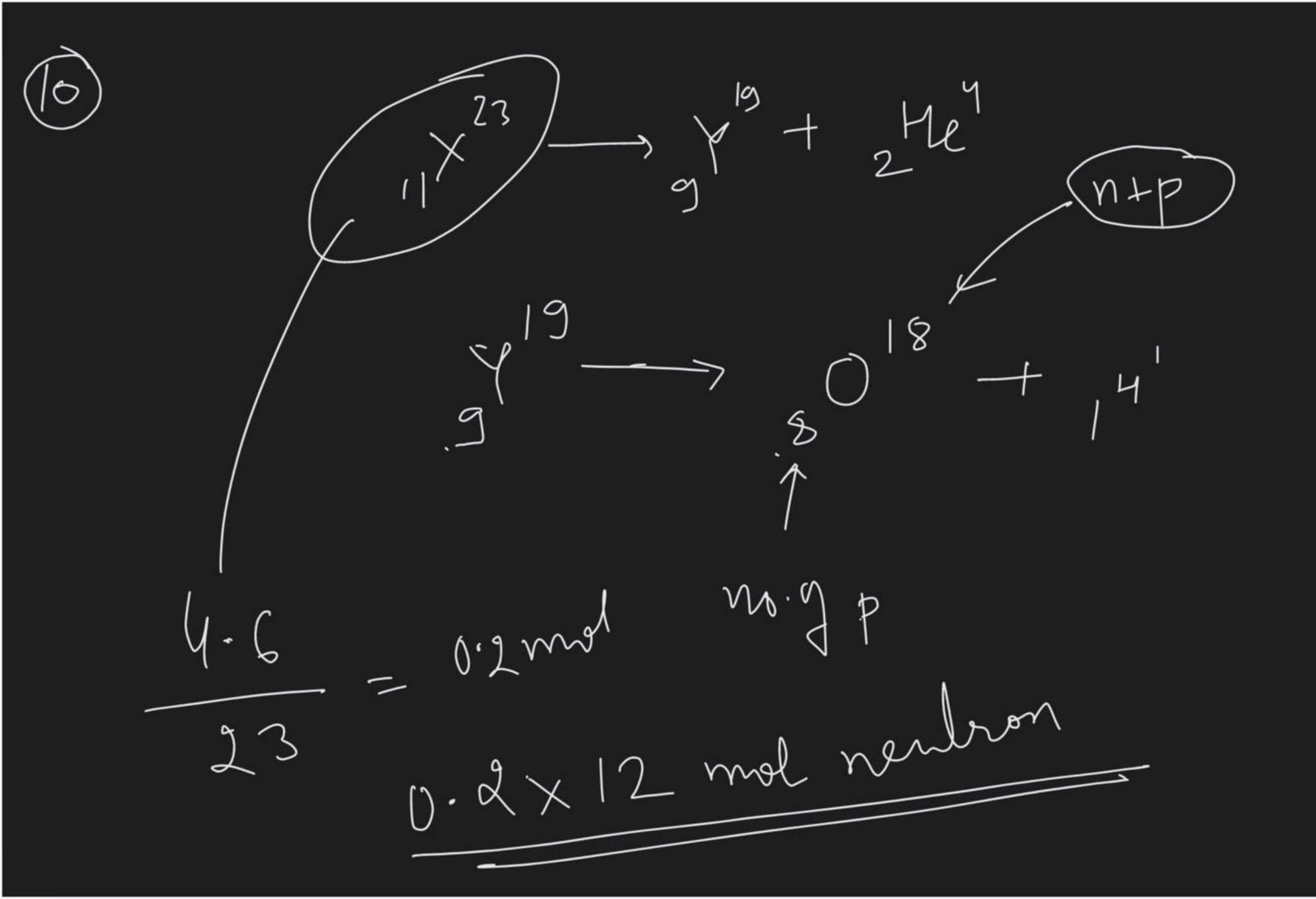
3<u>X10</u>

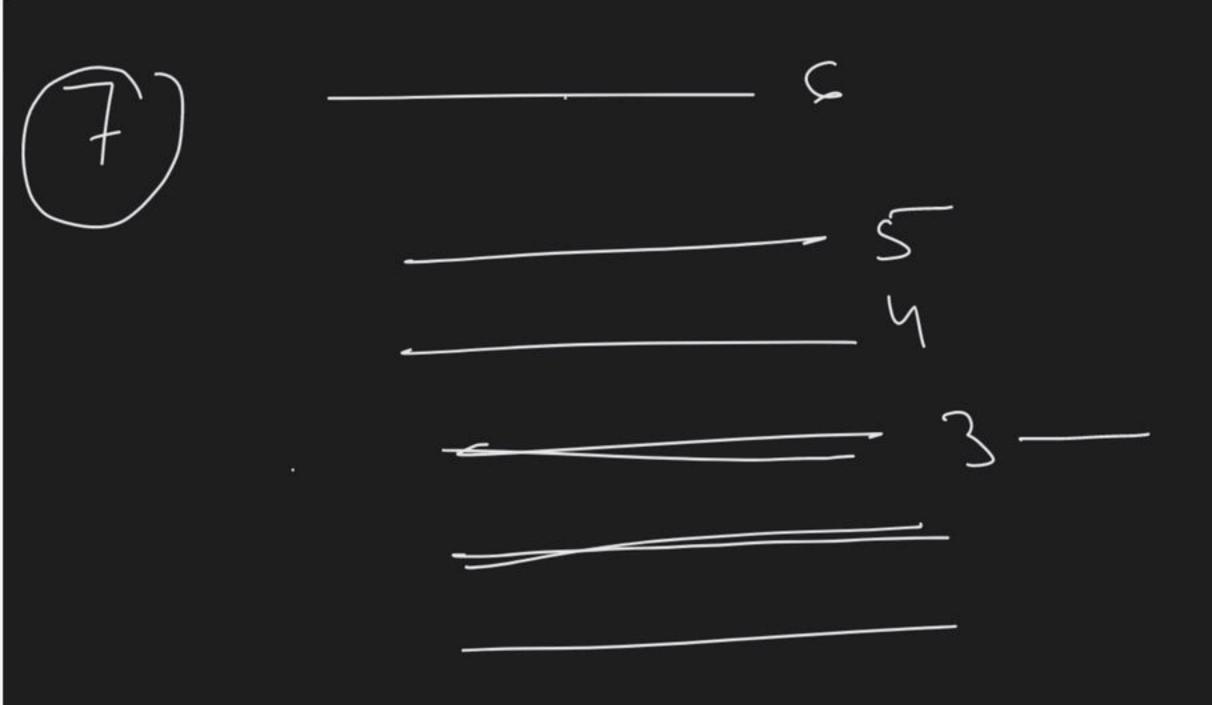


24eN volt Potential

with Sign "V6 - hvo =

.





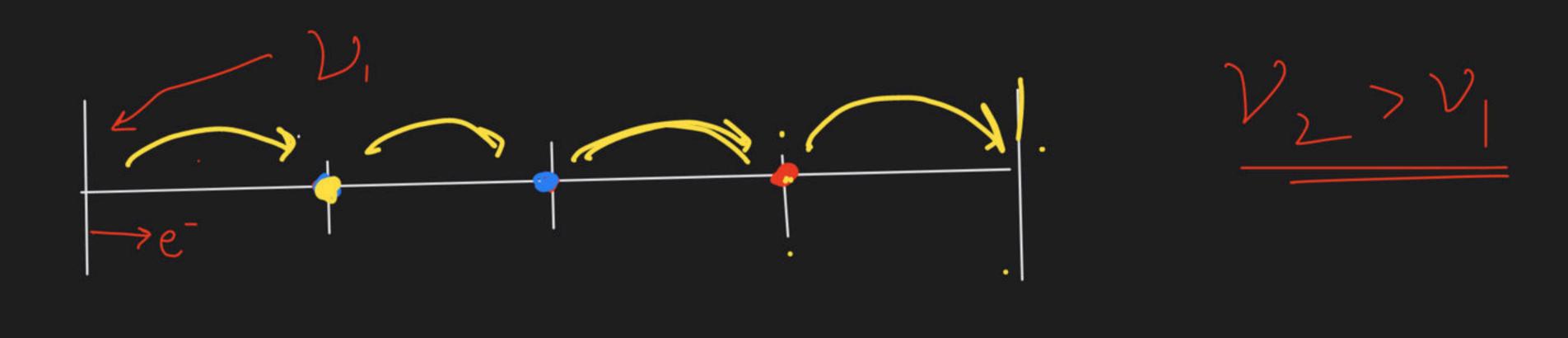
photocurrent / loophotons @ frequency only (B) Number of buly photon C Loth (5) None of these Photocurul depends on phospintensity and is independent of trequency

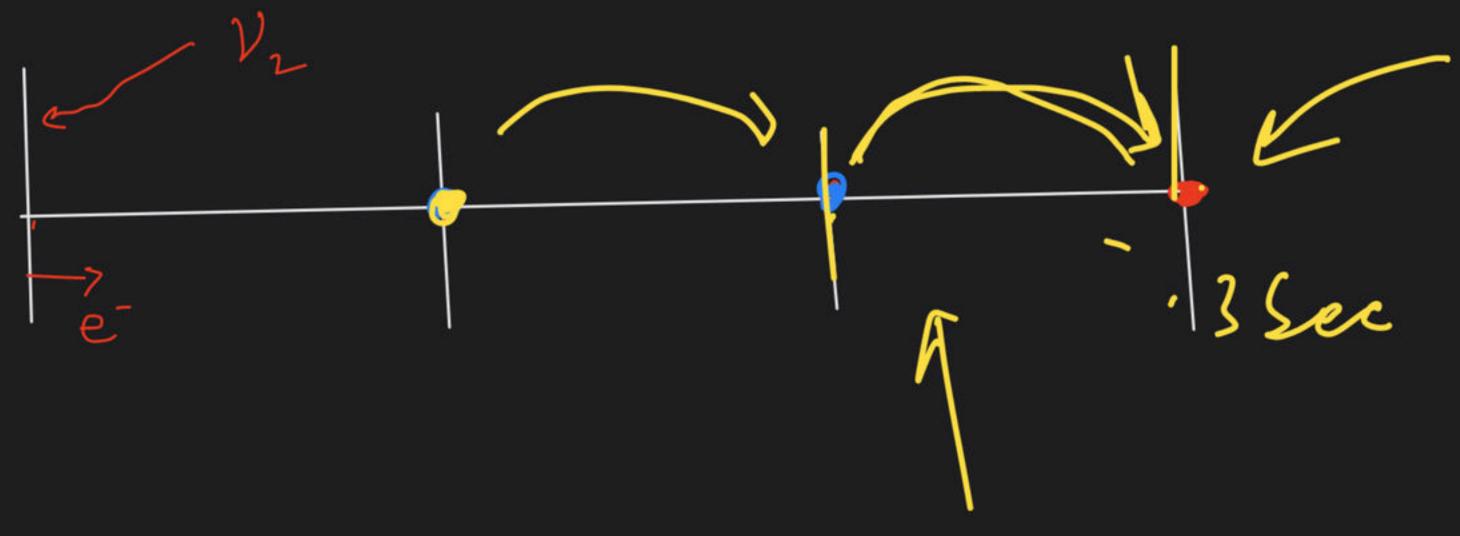
O. A 100 W bulls emits light of $\lambda = 6620 \, \text{A}^{\circ}$ only. If all these photons are allowed to strike a metal plate of W=1ev find photo current. [amp] A) 160 amp 13) 80/2 amp 320/3 D) None

$$E = \frac{hc}{\lambda} = \frac{662 \times 16^{3} \times 3 \times 10^{8}}{16^{3} \times 620 \times 10^{-10}}$$

$$E = \frac{3 \times 10^{-19}}{3 \times 16^{-19}} = \frac{1021}{3}$$

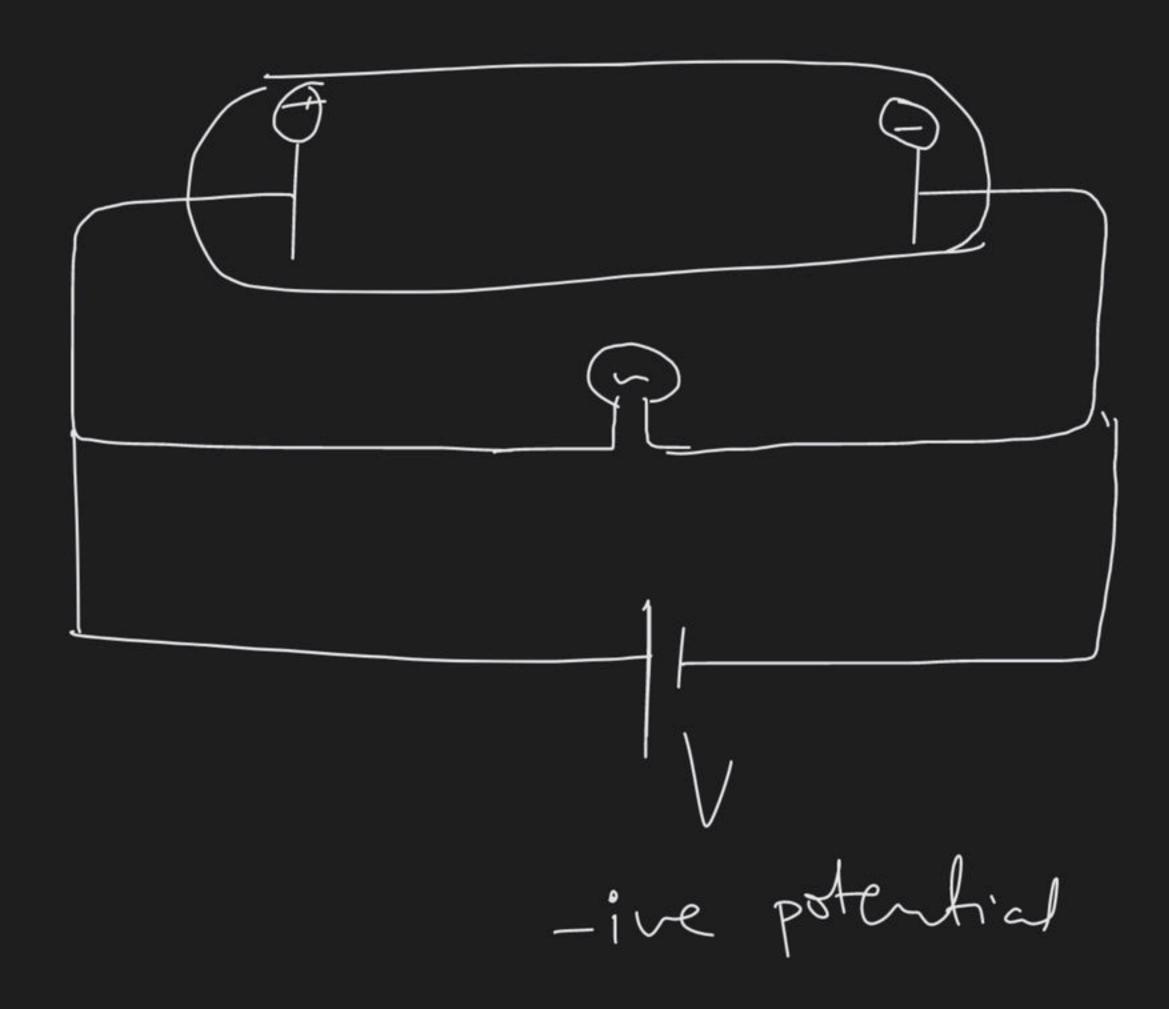
$$= (\frac{1}{3} \times 16^{21}) \times 1.6 \times 10^{-19}$$





1=0 1=1 1=1 1=2

potentiali-> (b) minimum botential regimes to Stop photo anner completely is called stopping potestial e---(+) (-)



<= = eV 6 V +4

$$KE_{max} = 9V_0 = eV_0$$
 $5eV = eV_0$
 $5Volt = V_0$

ph o to Conrect CVo = KEmax accelerating

evo = 1 / Emax = hv - hv

KEmex
frequency

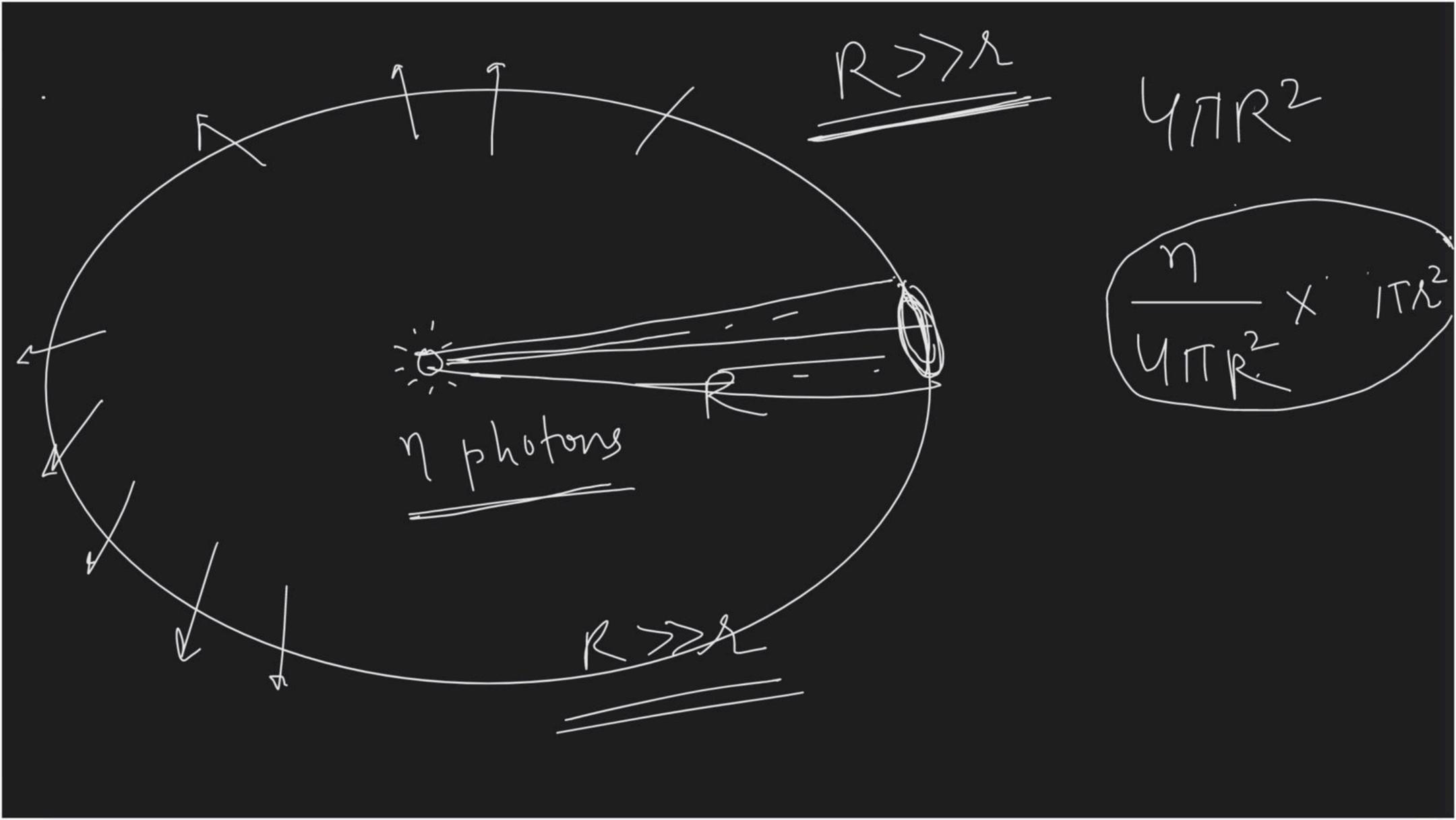
bhoto intensity

M ATTA

T122

A 60W Source of light anits light Spherimethy in all direction of $\lambda = 6620 \, \text{Å}$. If all these photons are allowed to strike a sphere of radius I cm kept at 5 km distance. Find no photons striking the Sphere. Jer Sec. A) 5 X10 8 () 5 X 10 6 D) 2 × 10 5 B) 2 × 108

40-45 5-1 36-41 9-13 5-2





Speed