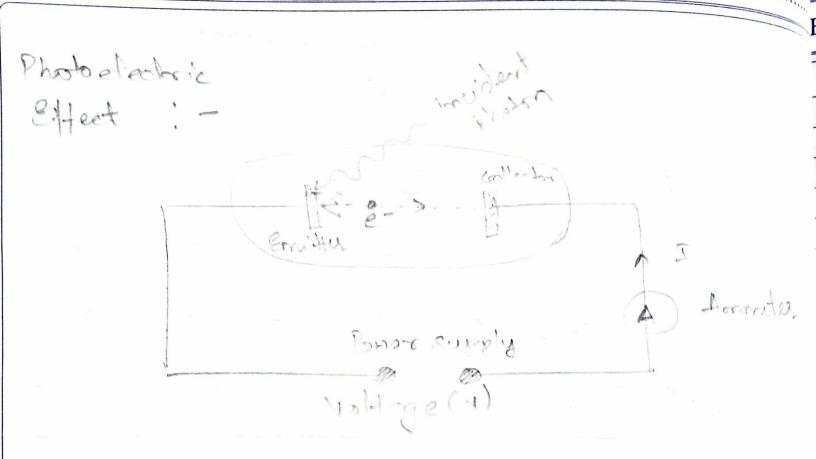
xpt. No	Page No
Photoelectric	& Dlock
Montececone	80
Association Assailable:	
Apparatus Available: Photoelictric equipmen	to, fibers
Aim!	1 Ameliant
· Determination of Planck · Determination of work	function
Pormilar Used:	
W = hVo	
W: work function No: frequency, n: Plan	nck's crost.
Einstein's Equation	Ve: Stopping potentia
hN = KE + W	Vs. stopping potentia
V <sub>c</sub> = h√ • - W e e	
y groadient=k	
V=-W \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	
	Teacher's Signature :



Exp	ot. No		I	Page No
	Oksuwatin	, ;	•	
No	Incident		Incident Photon -Prequency (Hz)	Stopping Voltage (V)
1 2	625 570		4,72 ×10 14 5,26× 1014	- 0. 38 - 0. 55
5 4 5	540 500		6,25 × 1017 6,0 × 1017 6,0 × 1017	- 0.69 - 0.90 - 1.06
5.	Results:	D		
	Plan	ck's cro!	of given metal stant = 6.7×10	,
	98 CE 2074			
-			(9)	15 ~

## : aniteluolo

$$h = \frac{0.75}{1.75\times10^{17}} \times 1.6\times10^{19}$$

Soule
y-axie

1 unit = 0.1eV

2 axie

1 unit = 0.1x10 MHz 3/A \$ & #