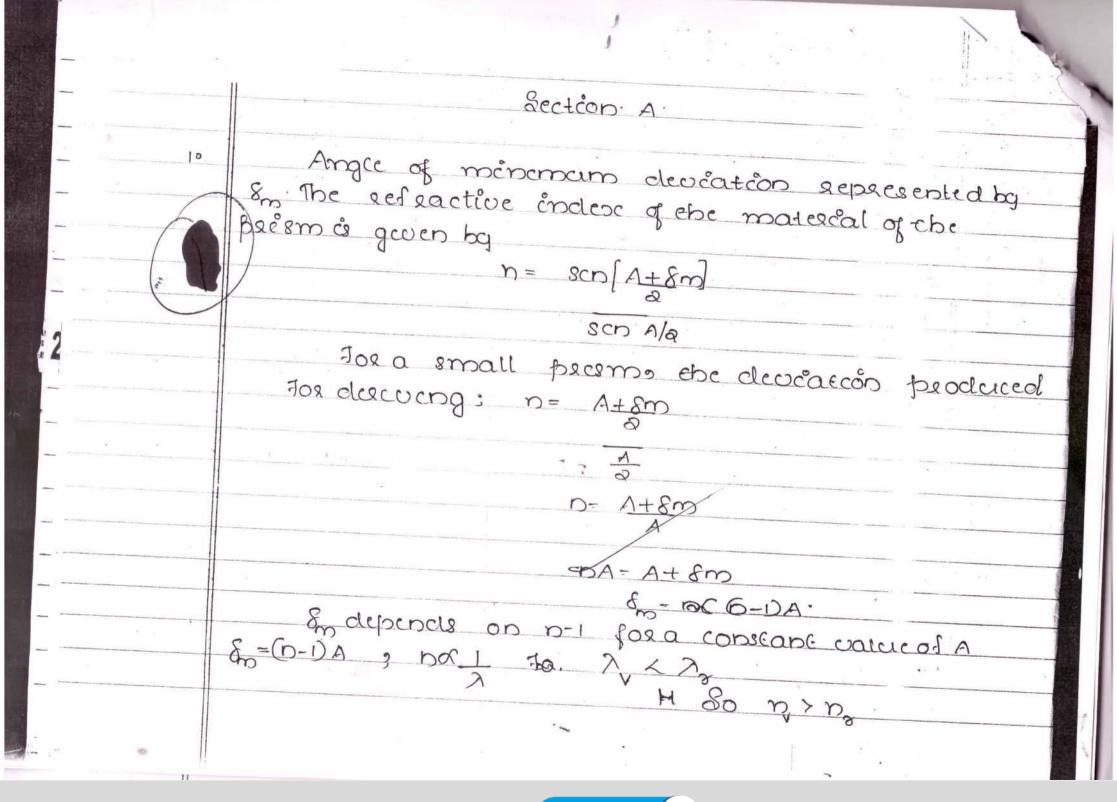
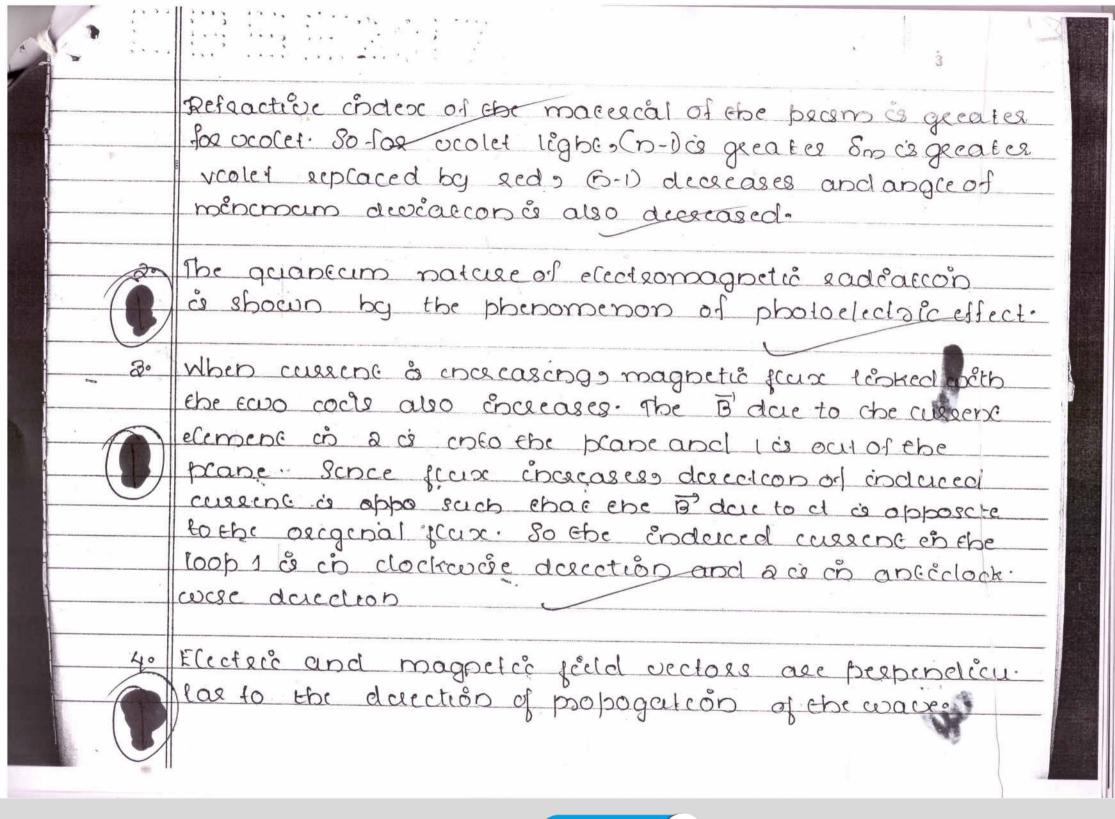
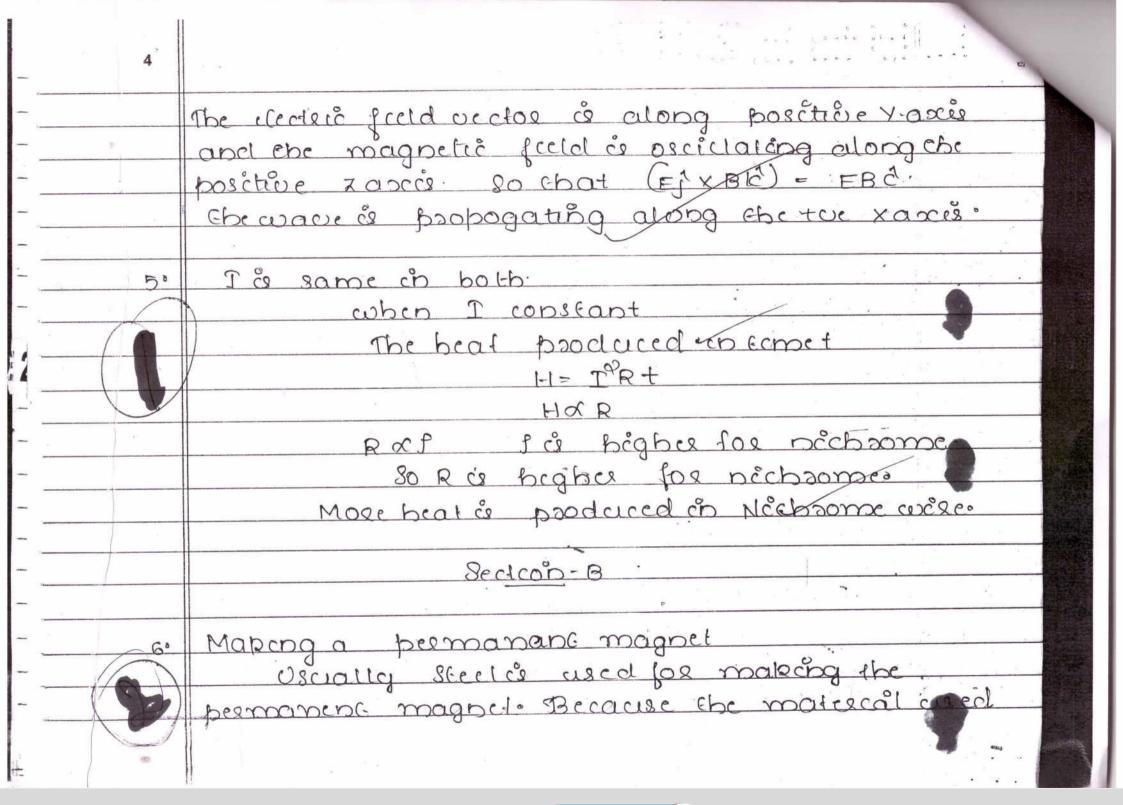
पराक्षाथा प्रवश	-पत्र के अनुसार भ	रे
विषय Subject : PH	SICS.	
विषय कोड Subject Code : परीक्षा का दिन एवं तिथि	1 1 10 100	
Day & Date of the Examinatio	":WEDNESD	DAY15.03:20
उत्तर देने का माध्यम . Medium of answering the pape	ENGL	SH
प्रश्न पत्र के ऊपर लिखे कोड को दर्शाए :	Code Number	Set Number
Write code No. as written on the top of the question paper :	55/3	① ② ④ ④
अतिरिक्त उत्तर-पुस्तिका (ओं) की	संख्या	
No . of supplementary answer		3
विकलांग व्यक्ति :	हाँ / नहीं	
Person with Disabilities:	Yes / No	NO
किसी शारीरिक अक्षमता से प्रभावित If physically challenged, tick the	e category	A A
B = दृष्टिहीन, D = मूक व बधिर, H = ३ C = डिस्लेक्सिक, A = ऑटिस्टिक		
B = Visually Impaired, D = Hearing S = Spastic, C = Dyslexic, A = Autis	Stic	ally Challenged
क्या लेखन – लिपिक उपलब्ध करत Whether writer provided :	Yes / No	No
यदि दृष्टिहीन हैं तो उपयोग में लाए ग सोपटवेयर का नाम : f Visually challenged, name of soft		N0
एक खाने में एक अक्षर लिखें। नाम के प्रत्येक	भाग के बीच एक खाना जिल	त छोड़ दें। यदि परीक्षार्थी का
न 24 अक्षरा स आधक है, तो कवल नाम के ach letter be written in one box and	प्रथम 24 अक्षर ही लिखें। one box be left blank b	etween each part of the
ame. In case Candidate's Name excee	eds 24 letters, write first	24 letters.
	25	7000-
कार्यालय उपयोग के लिए		
Space for office use	042/00299	

CLICK HERE >>>



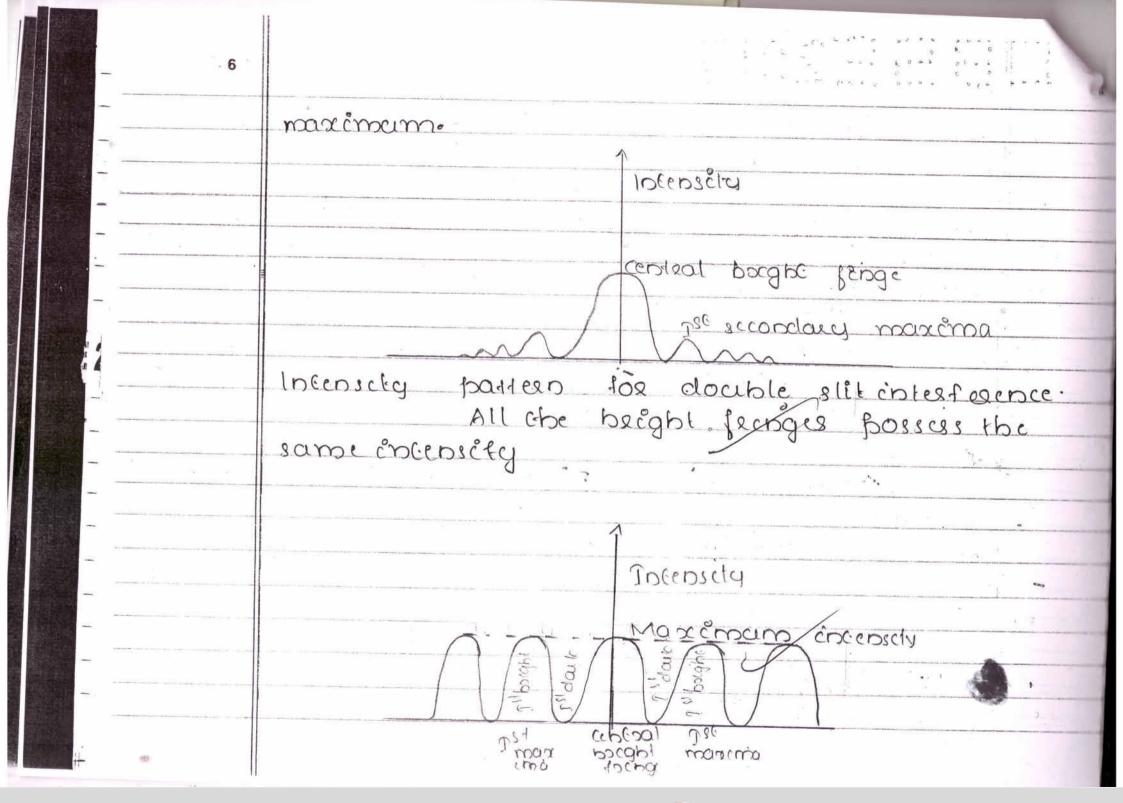






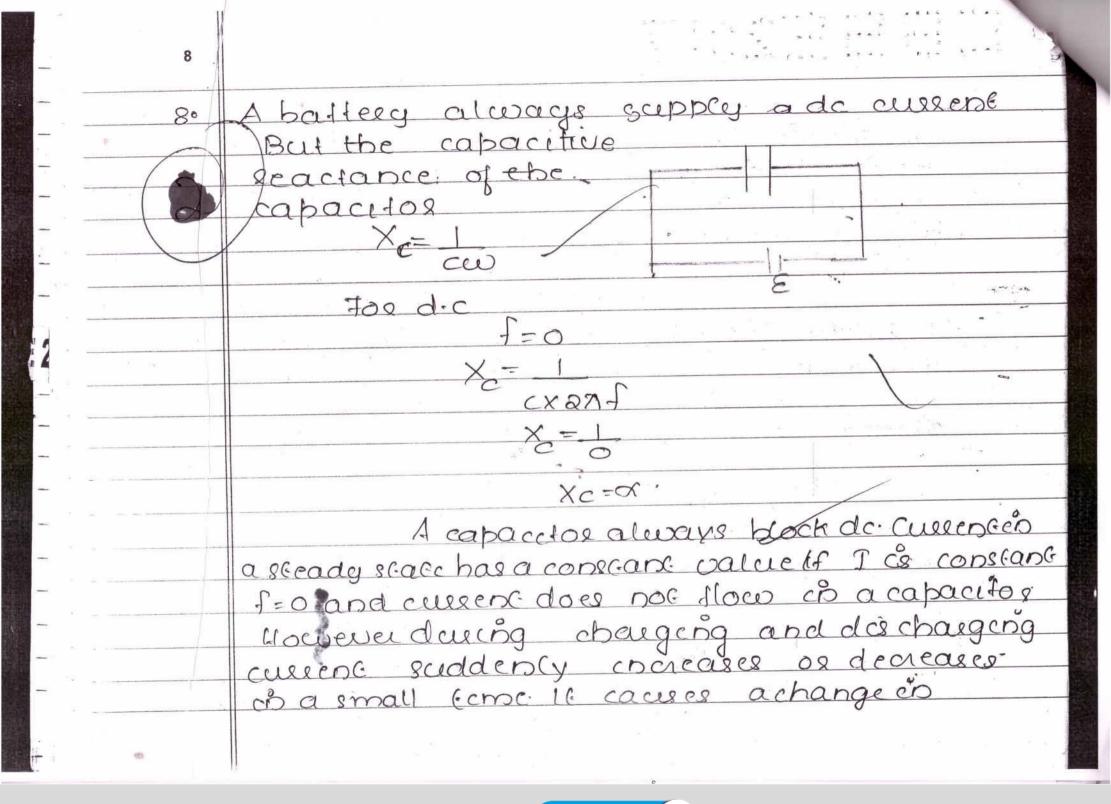








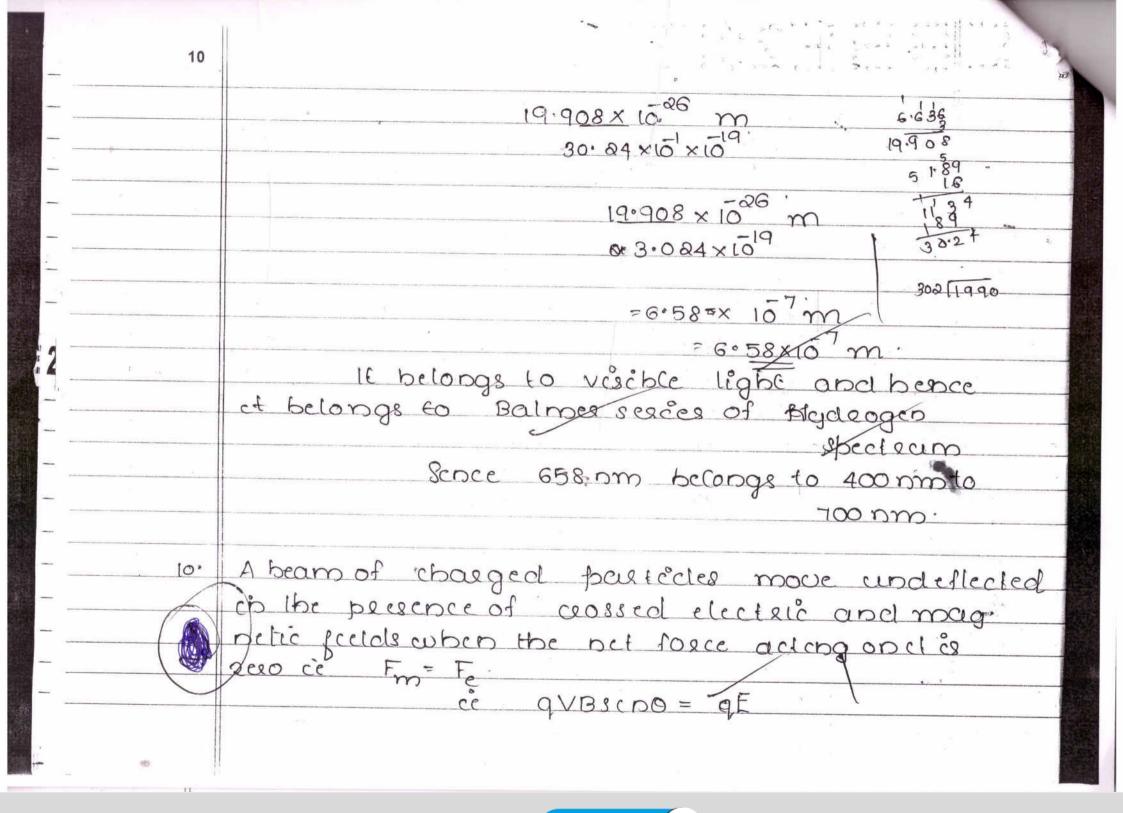






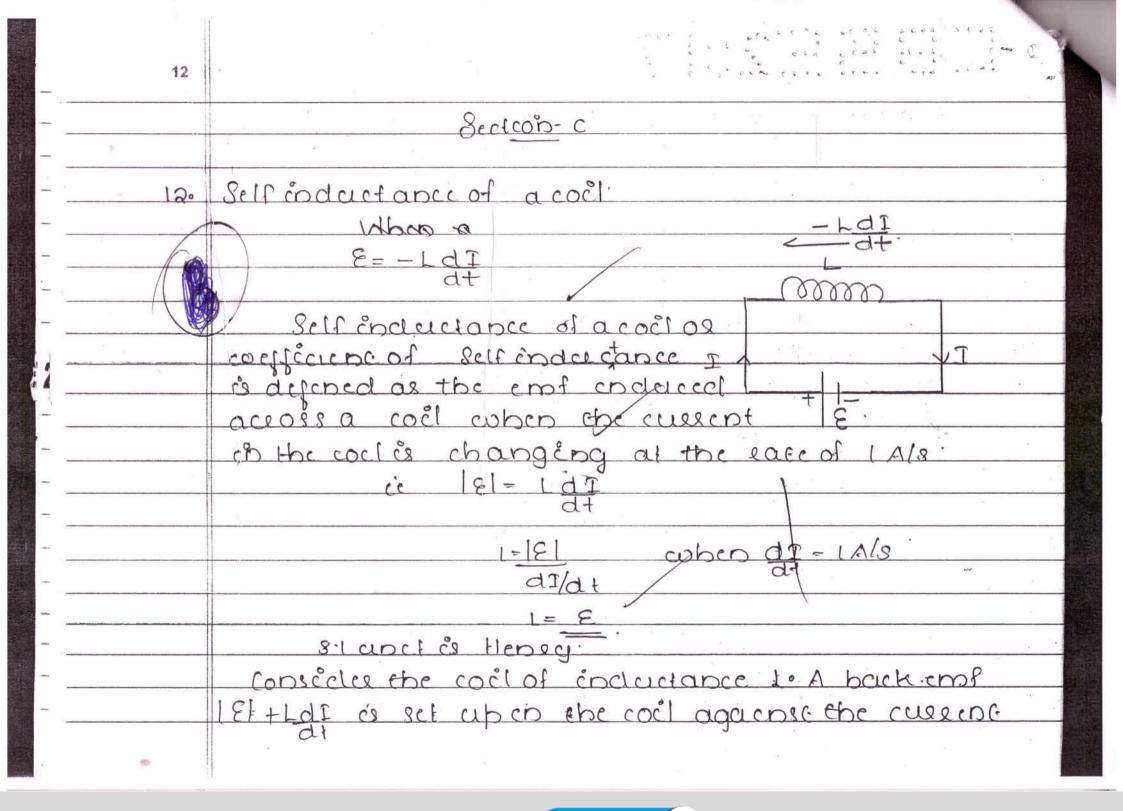
flux. An emfie enderced consubcauses an enderced cuelence. Abd also during charging and discharging capacitos shows oscillatory properties. 80 thèle à avairalion en cullent or an enstant of teme. It is momentary lt Passe only pos a short come. Due to the induced emis, a momentary current is set up. Change co enceger = = -1.051ev = 3.4ev hc=1.89x1.6x1019 $\lambda = bc$ = 6.63exi $\frac{534}{2}$ x108 ms kgm²s 1.89x1.6xi $\frac{5}{9}$ 1 1.89x1.6xi 1.99x1.6xi 1.90x1.6xi 1.90x1.6xi 1.90x1.6xi 1.90x1.6xi 1.90x1.6xi 1.90x1.6xi 1.90x1.6xi 1.90x1.6xi 1.







VBSCDO = F If crossed and the partècle moves perpendècular to the both the 1 celds o then 9 - 90 80 VB = E V= E The pasticles moving with a speed V= E 08 V= Escho movés undellected and ét can be obtained on the sceren wethout any deflection Thès: pecnaple is used tog velocity scledos. The particles moving with this velocity can be early determined.





13 proocded by the source. If the custens need to be flow through the coil ghlork has to be done againse the coil, againse the emf &= 1dI 80 dW = Pdt = & IdI.d+x7 = L'dIxI The focal work done cs

If AB is taken as 100 cm

$$\frac{R}{s} = \frac{11}{100-11}$$

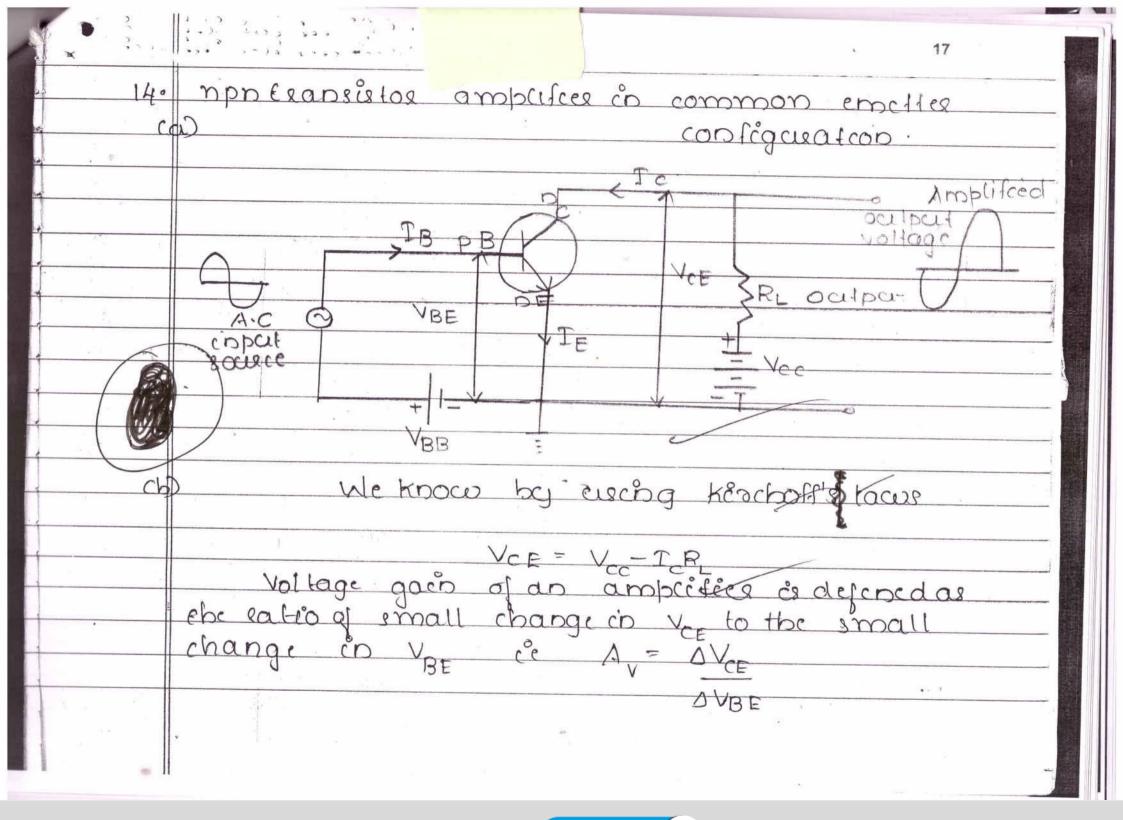
Now s changes to
$$S' = SX.$$

$$S+X$$

$$\begin{array}{ccc} ce & R(s+x) & = La \\ SX & loo-la \end{array}$$

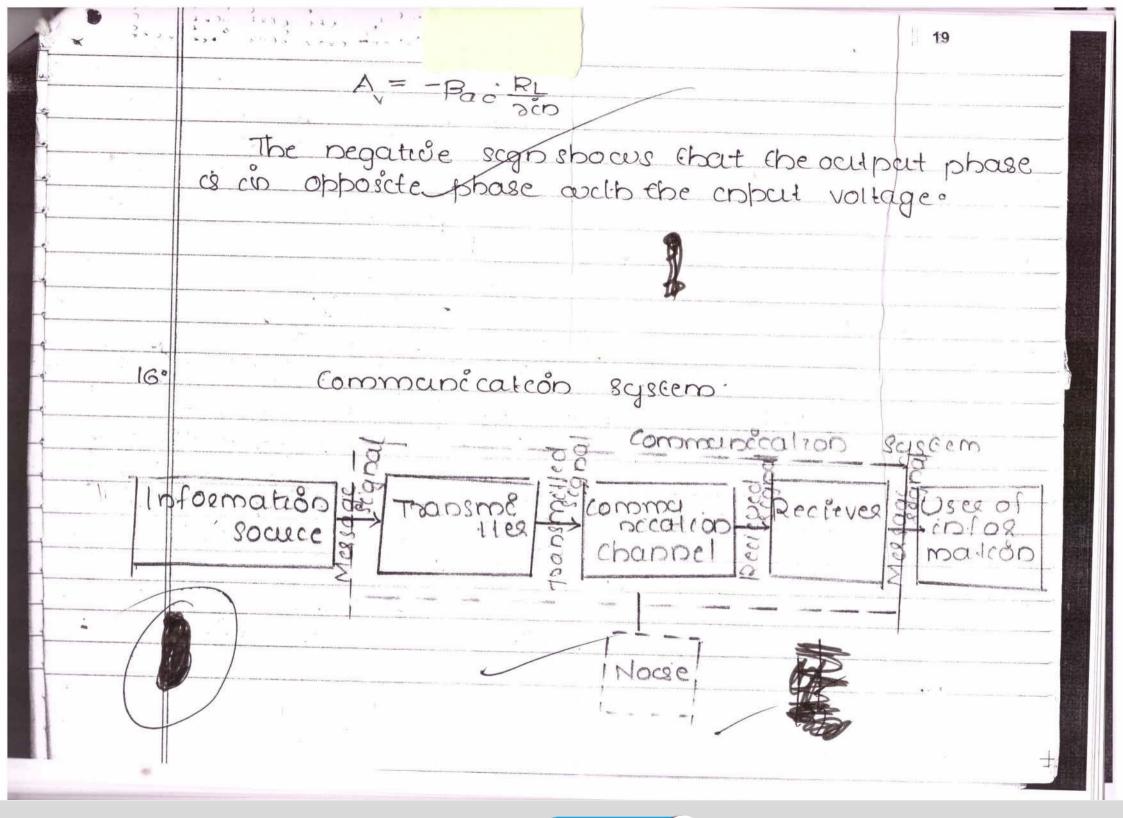
$$\frac{l_1[s+x]}{x[100-l_1]} = l_2$$





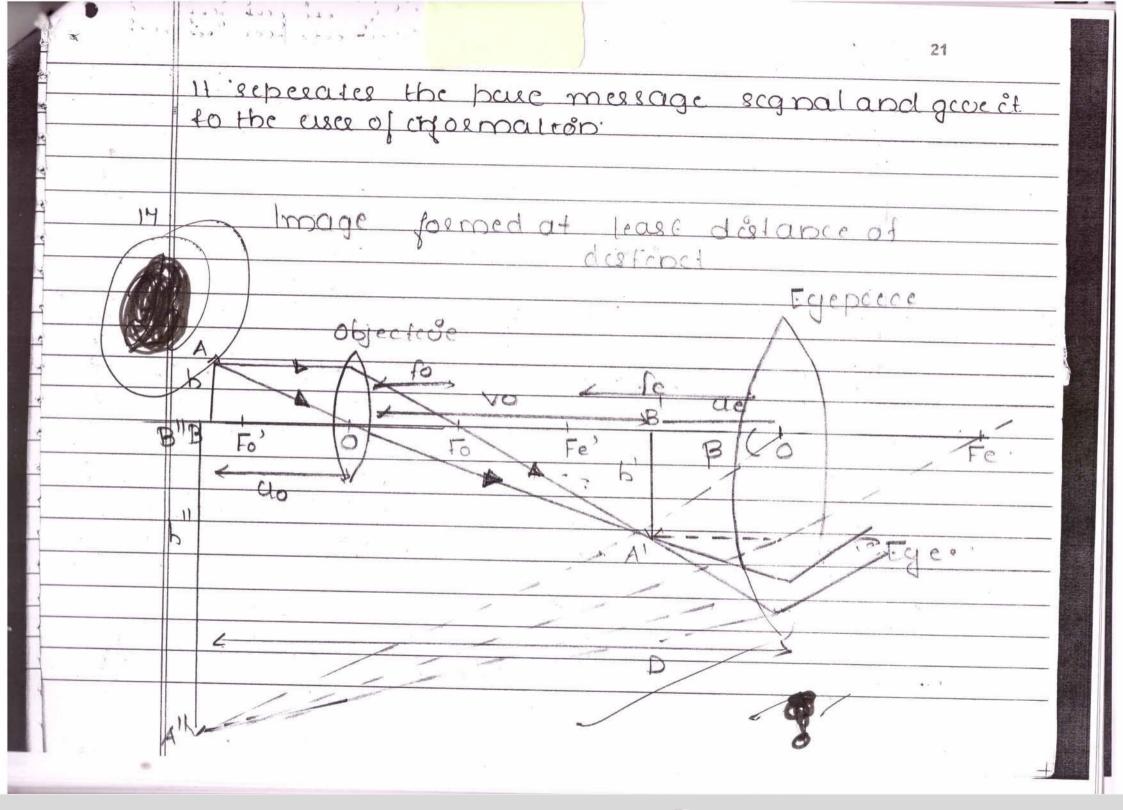


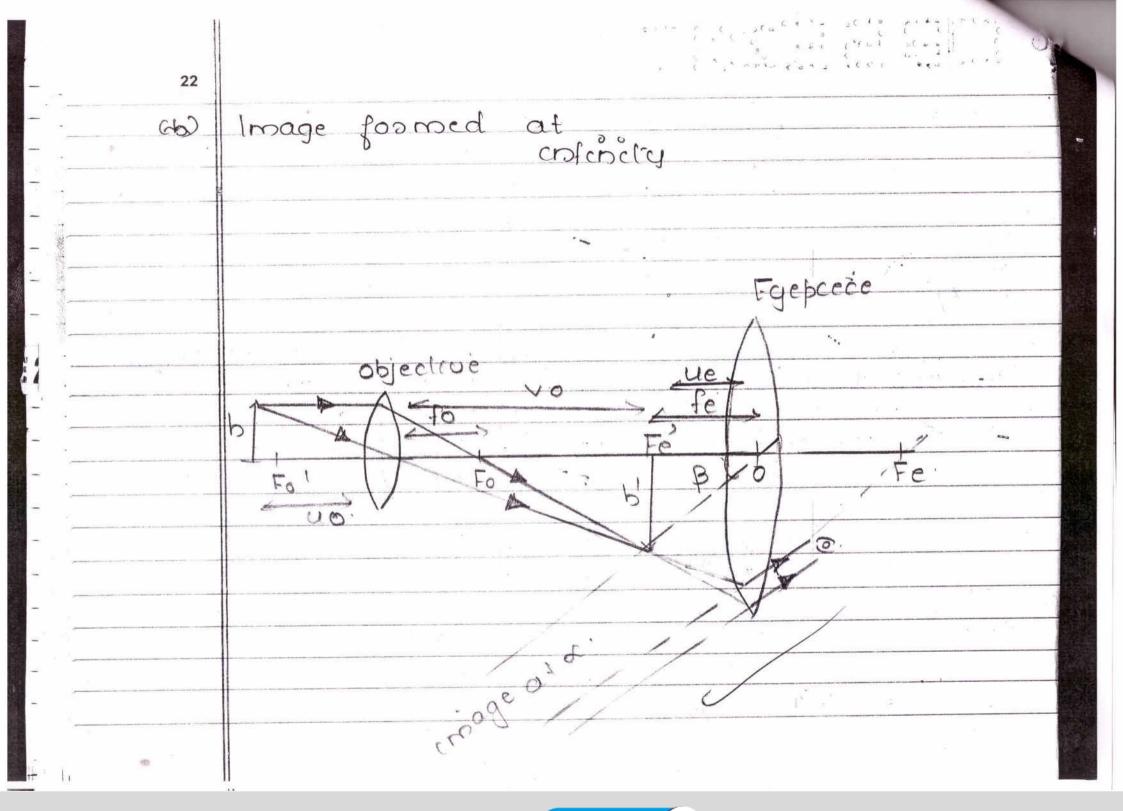








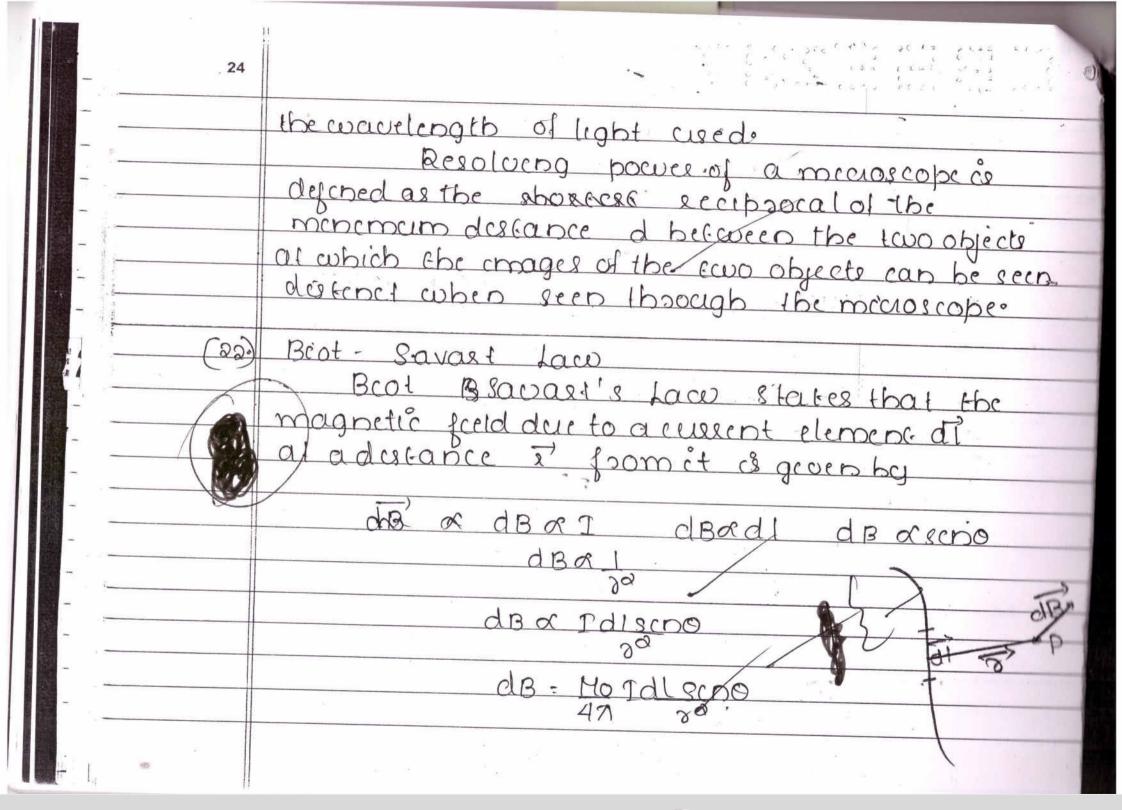






Cb	Jacob 1 23
4	CCIDCIED X COS
40	$h_1 = \frac{1}{3} = 0.33$ ce 33 cm.
4 .	3 CC 33 CM
	16:60
	6. 16.66 cm
	3 10 cm
1	The correct
***	The two lenses with short focal lengths are used. So Land L3 are used L is used the objective The objective should have small focal, length and aberture as compared to the egiptect.
	00 str
4	The elegeptece and Lie (19ed as 1)
	and objective should have amount as one objective
	and a pericue as compared to the result length
000	The competent
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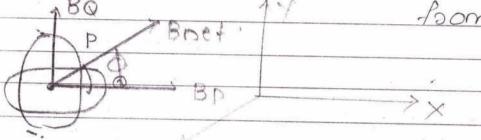






lo occios form

Brot Savast's law geves the magnetic fold due to a cullent element at a point destance



The magnetic feeld due to che coil pat

$$B = \sqrt{B_1^2 + B_2^2} = \sqrt{\frac{40^0 + 310^0}{40^0}} = \sqrt{\frac{410^0}{40^0}}$$

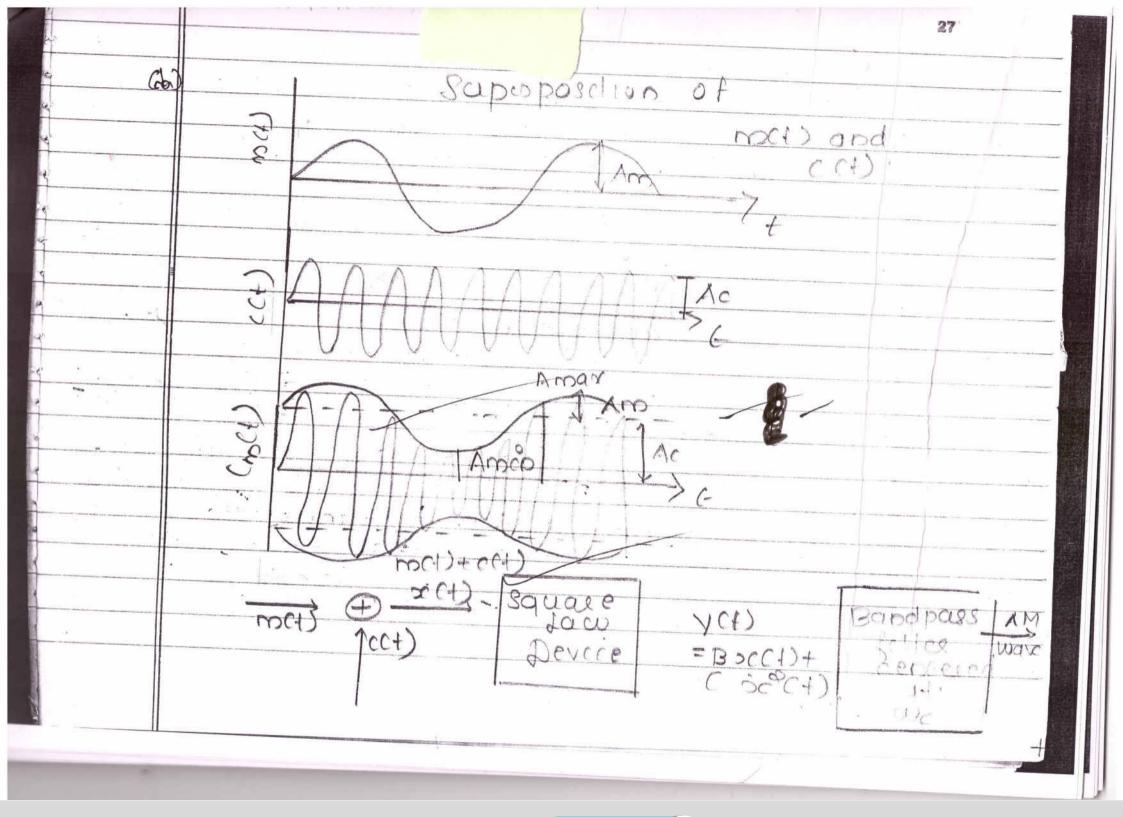
$$= \sqrt{40^0 + 310^0} = \sqrt{40^0}$$

$$= 200^0 = \sqrt{40^0}$$

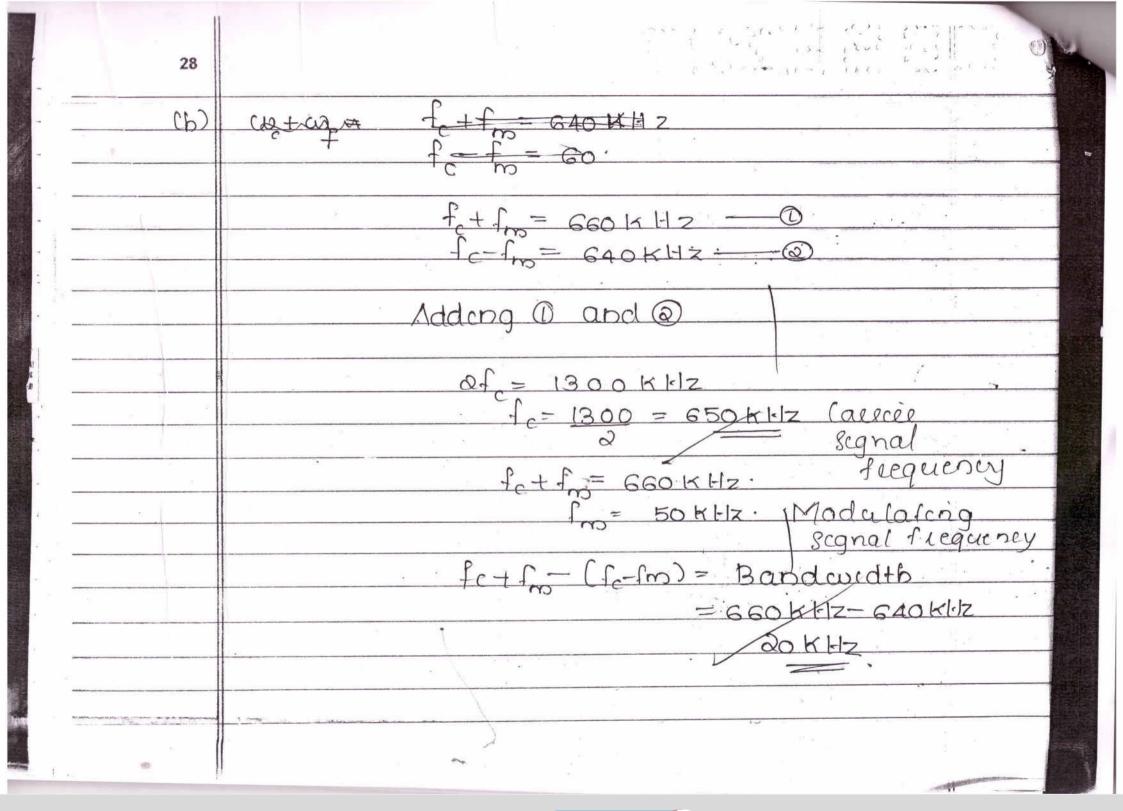
= aMo = Mo R

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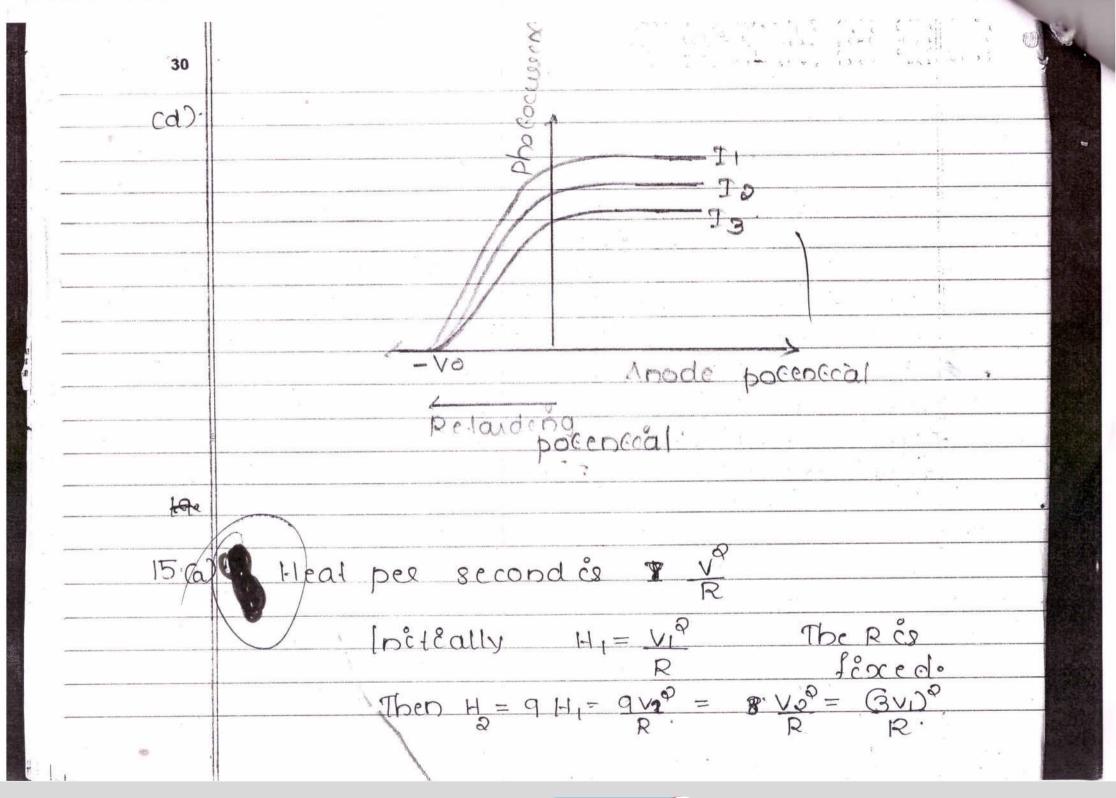












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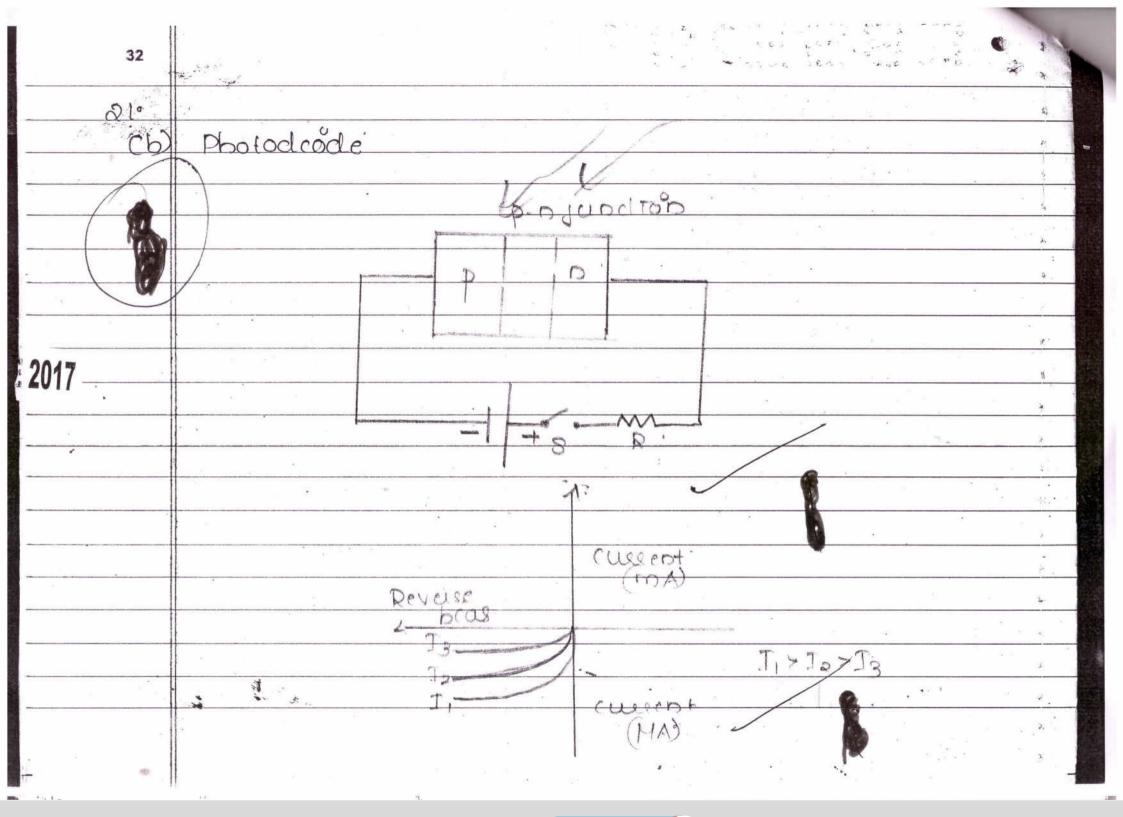




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ie.		The posencial difference & encreased by a factor of 3
q	Ch	V= E-I8.
Ť	9	Joeal currenc = Joealemf
0	-1,	Joeal resistance
3		0+4
32	,	
*	•	= 10 = 0A
*		The ammeree leading is a A
		The vollmeter reading is V=E-Io
		-12- 0x2 -12-4
		=8V /
	~	



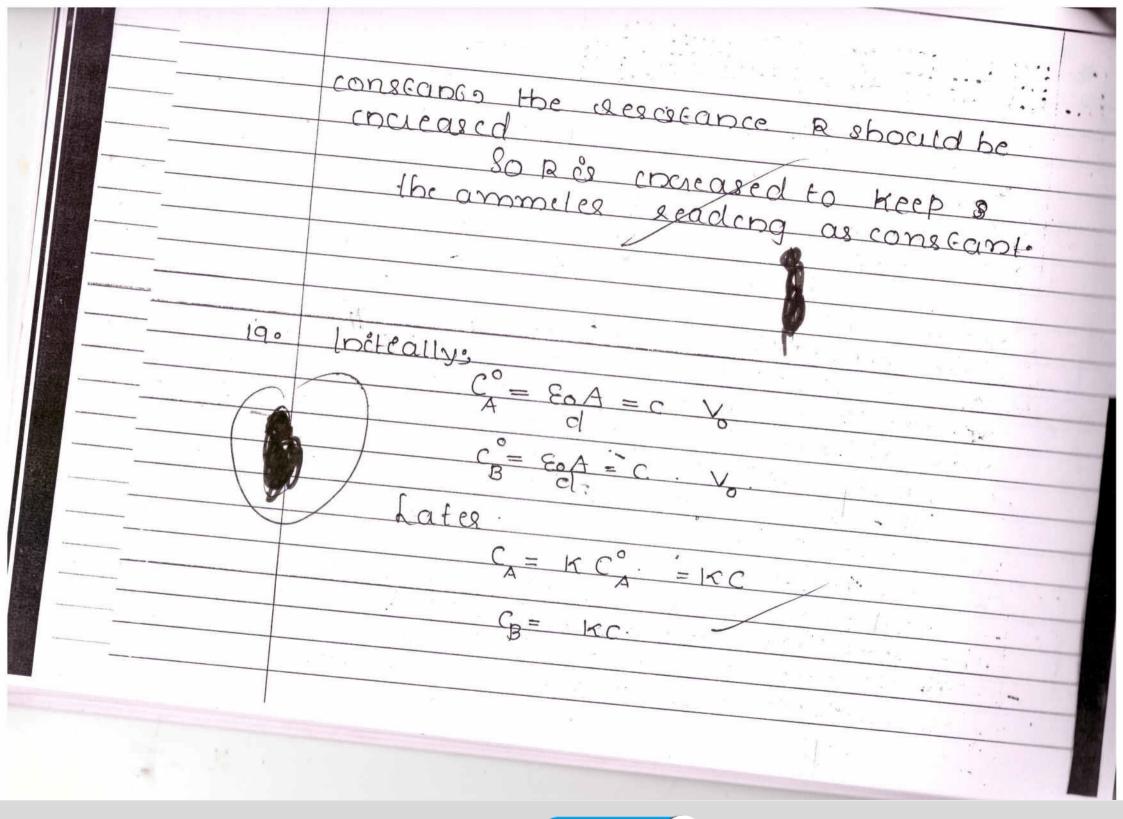


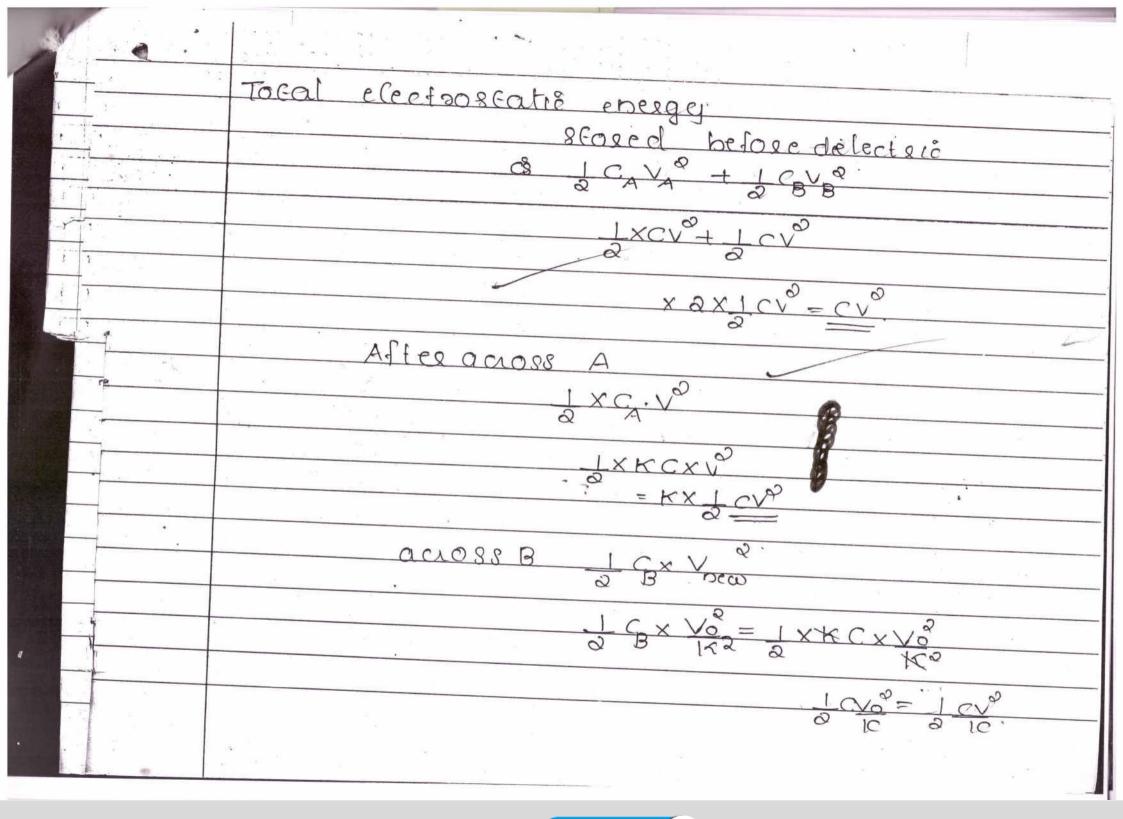


Fictitious Roll No. To be entered by Board) अपना अनुक्रमाँक इस उत्तर-पुस्तिका Please do not write your (अतिरिक्त उत्तर-पुस्तिका (ओं) की संख्या Roll Number on this Answer-Book Supplementary Answer-Book(s) No...... la phoéodrades the p-D junction drade às severse brased. The boas voltage is kept below the leverse breakdown vollage. When the photons are cocident on the projunction doode the electeon bole paus avegenerated electrons move towards the o side and holes move focuseds the posede under the enfluence of an A potential defference is set up across the Junction and the photocussent begans to flow ibsough the current. The photocurrent is derectly proposiconal Ca When s'ès healed sthe compenadous correases. The elegationery decreases. The elegationice of the clecuct decreases. So more current tend to. flow in order to keep the current value as

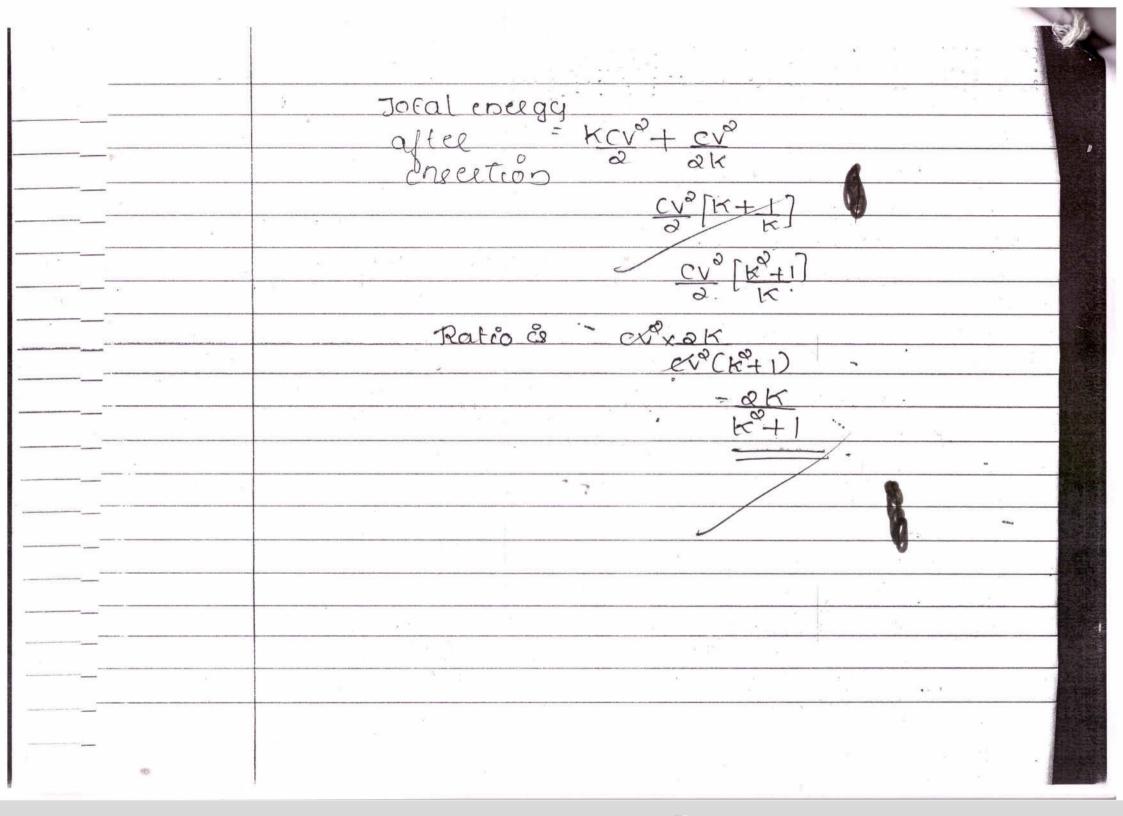




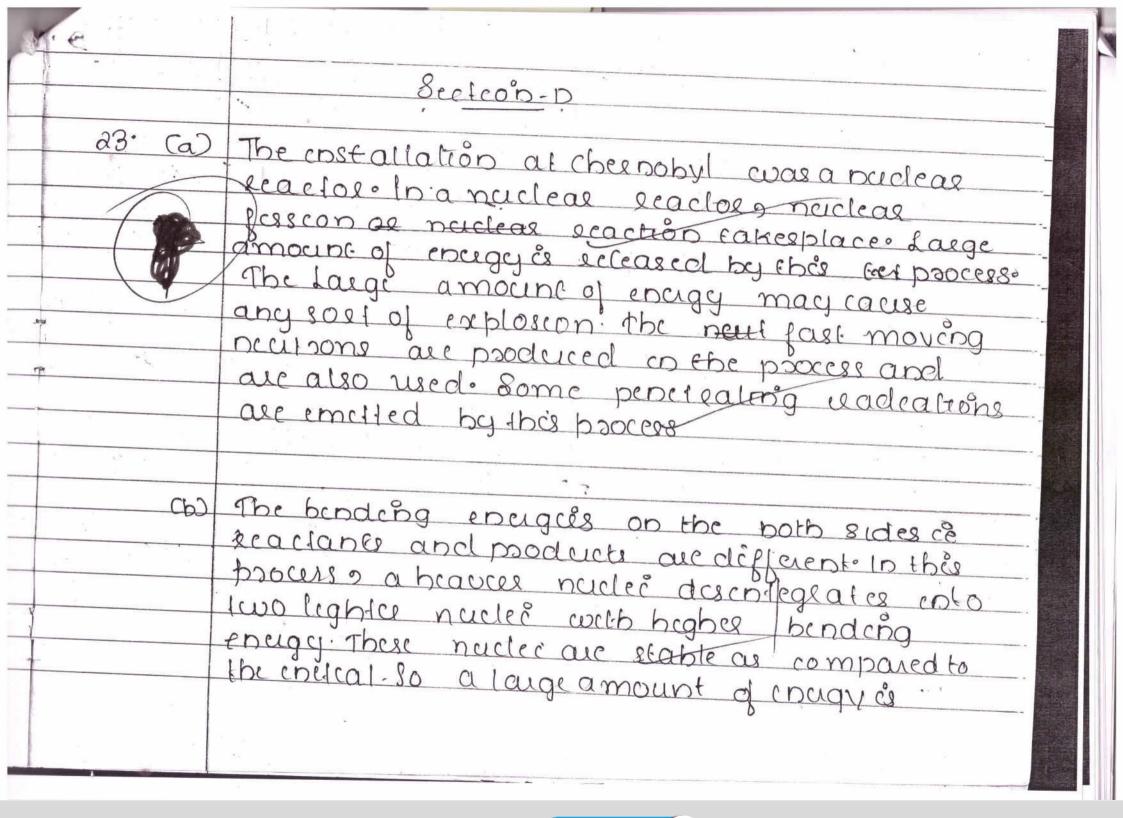


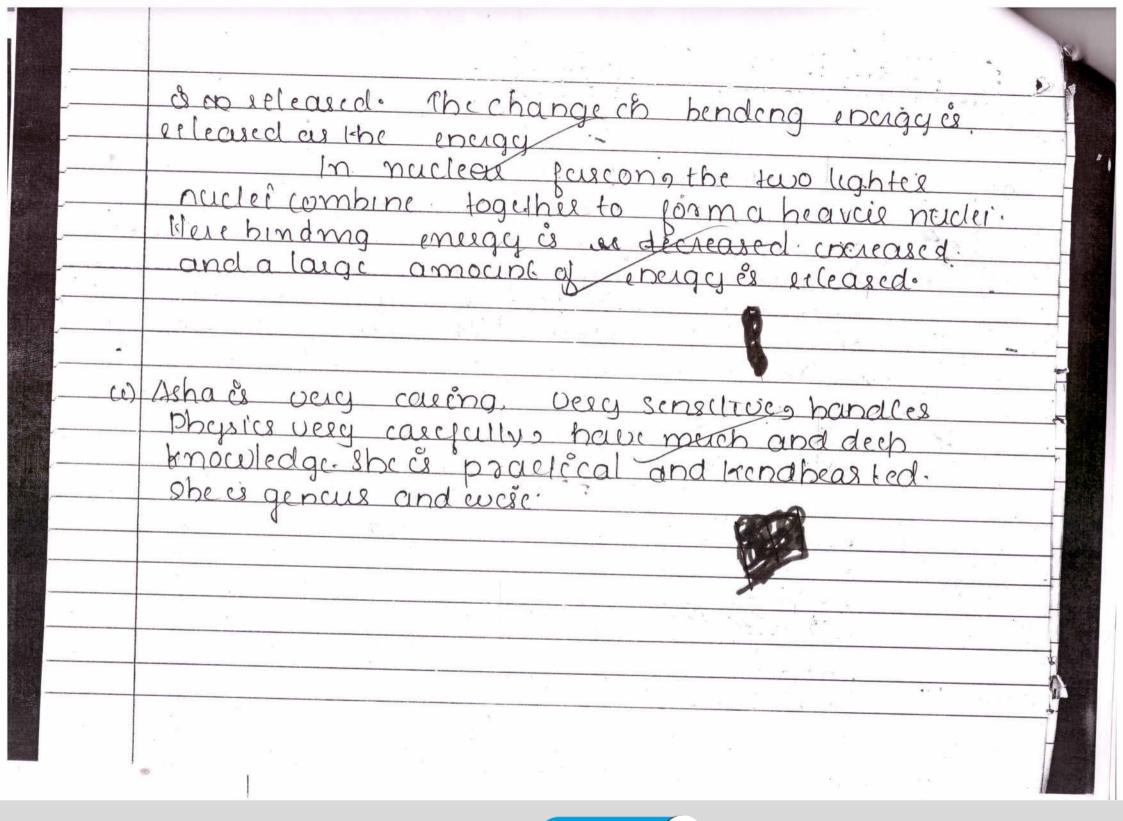


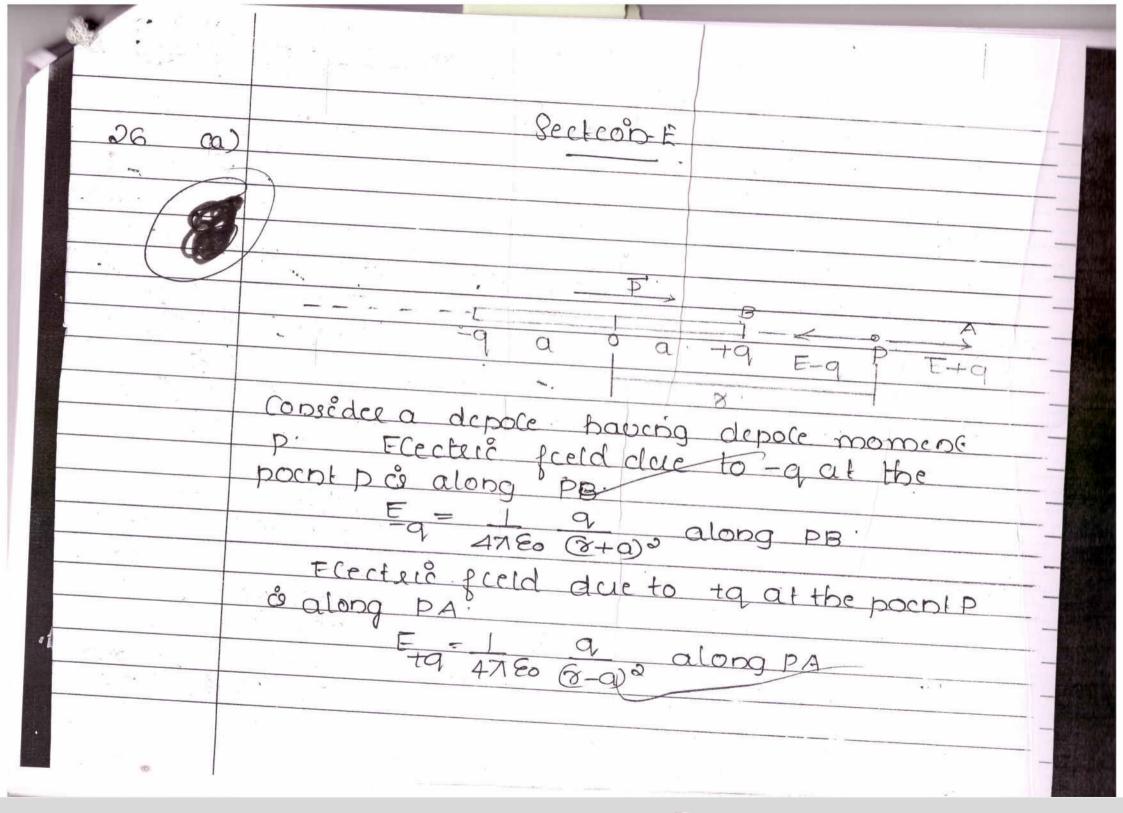




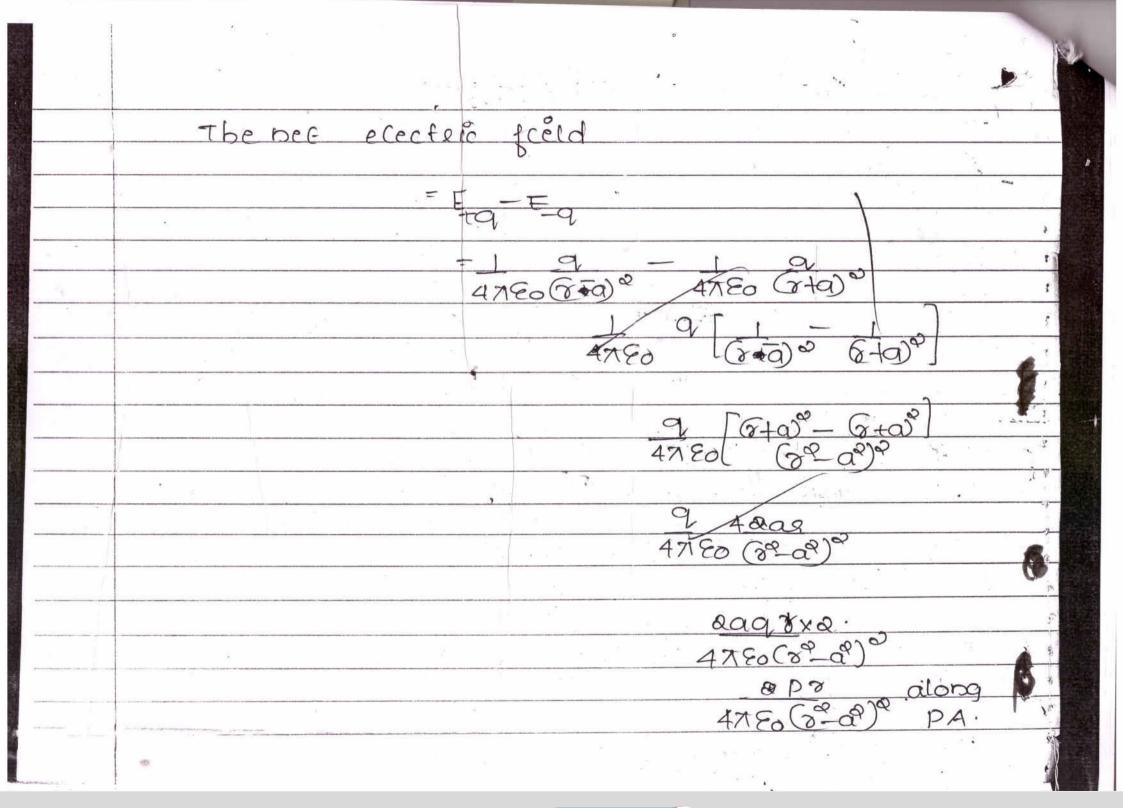




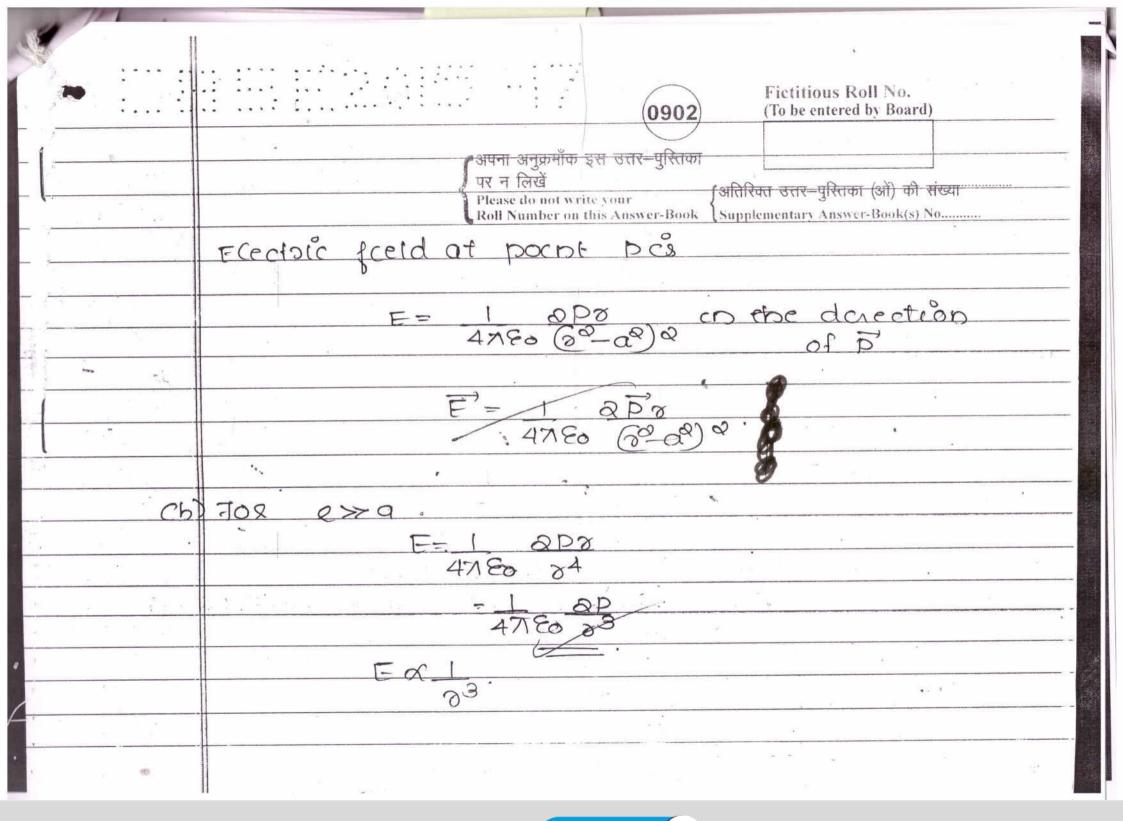






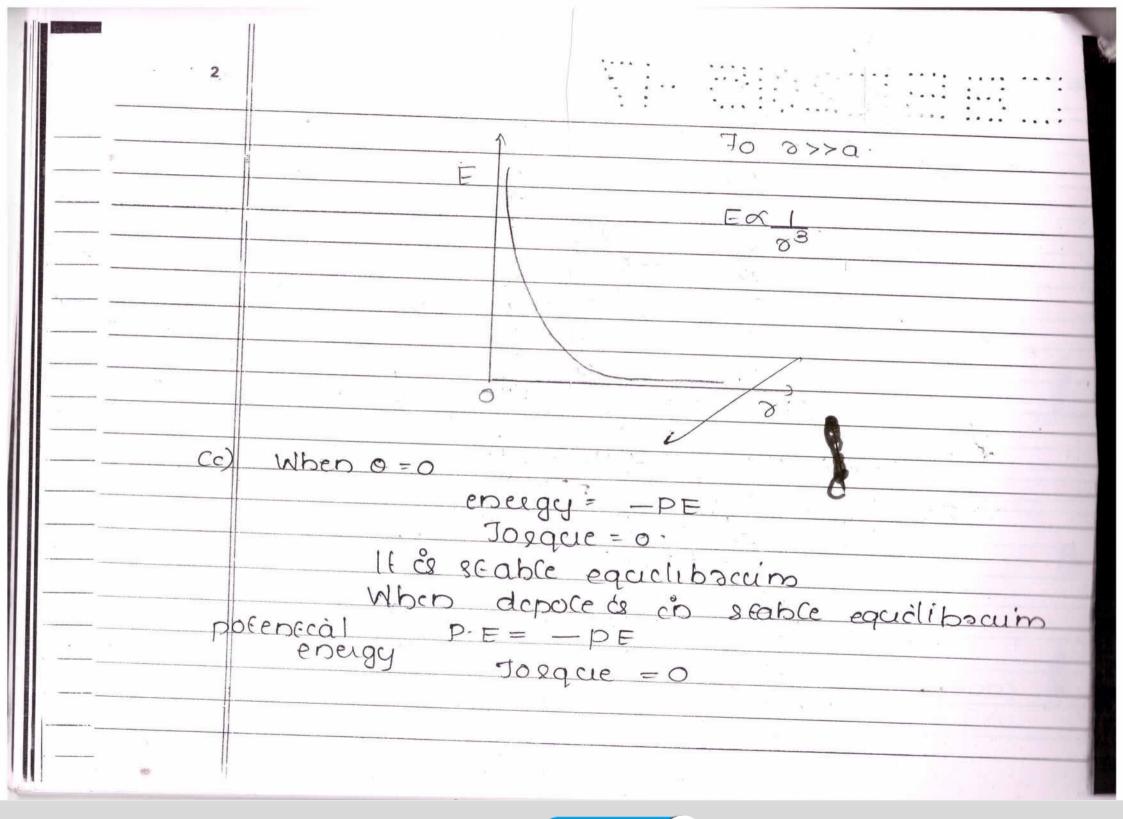




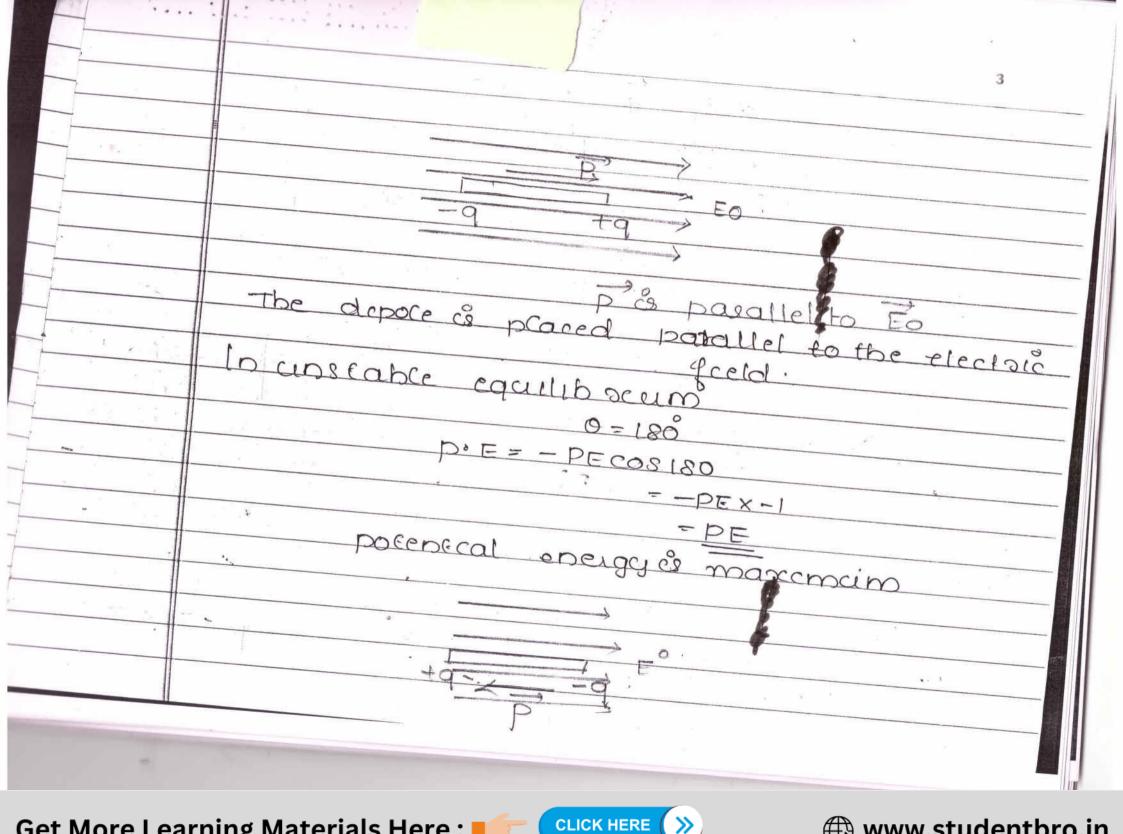


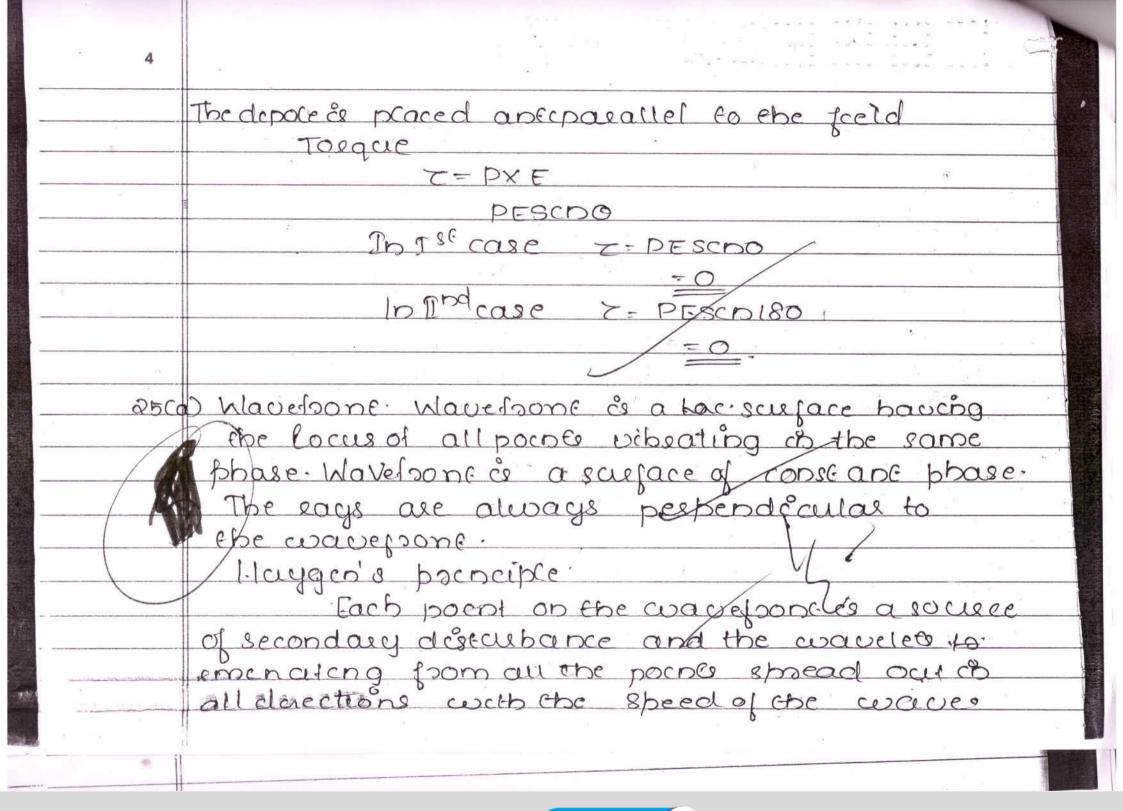














Theo cre deaco a common cangene to all chese spheress are objects the new position of the coavefronce at a tempetor

