Quiz#9	
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D. H. Na 2n477n 2#0	
Section: Phy 106 F	
Drive relation between electric field and induced magnetic field. As we know that electric field.	1
Drive relation between execution	5
and induced magnetic field	
As we know that eyecting	
is given as;	
The second of th	
W=Eq(I)	
As we know work done is given	
W=OF. ds = OFdsCosO	
As we know work done is given $W = \oint F \cdot ds = \oint F \cdot ds \operatorname{Cos} 0$ $N = \oint F \cdot d \operatorname{Cos} (0) = F \oint \cdot ds$ $\int \cdot ds \cdot \operatorname{Fox} \operatorname{completex}$	
ods tox completes	
$W = F(2\pi)$: $\int ds \cdot 700 $ completes $S = F(2\pi)$: $F = 9F$ in case of	
W = 9E(2718) (F) $F = 9E$ in case of electric field	
Compairing equation I and II electric field $Eg_{\cdot} = f_{\cdot} = [2118]$ $Ef_{\cdot} = F(2118)$ $E = F(2118)$	
$\mathcal{E}_{q} = N \cdot \mathcal{E}(2110)$	
$\mathcal{E} = \mathcal{E}(2118)$ $\mathcal{E} = (2118)$ $\mathcal{E} = (2118)$	
According to Faraday Law	
According to Faraday Law $E = -\frac{d\phi_{B}}{dt} \dots (IV)$	
Campava (III and ITV)	
JE.ds = -dos this is relation given	
1+	

p # prop Magnetic Zield is decreasing what is induced relection field. Accreding to the given formula

of electric induced field; $\phi E.ds = -\frac{d\phi_{e}}{dt}$ if magnetic field is decreasing then electric field also decreasing but direction is opposite of magnetic field. (I)What is induced elector field write diffrence between induced electric zield and static electric zield. Induced electric field mean that there is a relation between electric and magnetic field which tell the effect of nowchanging magnetic field change electric field and vice versa!

