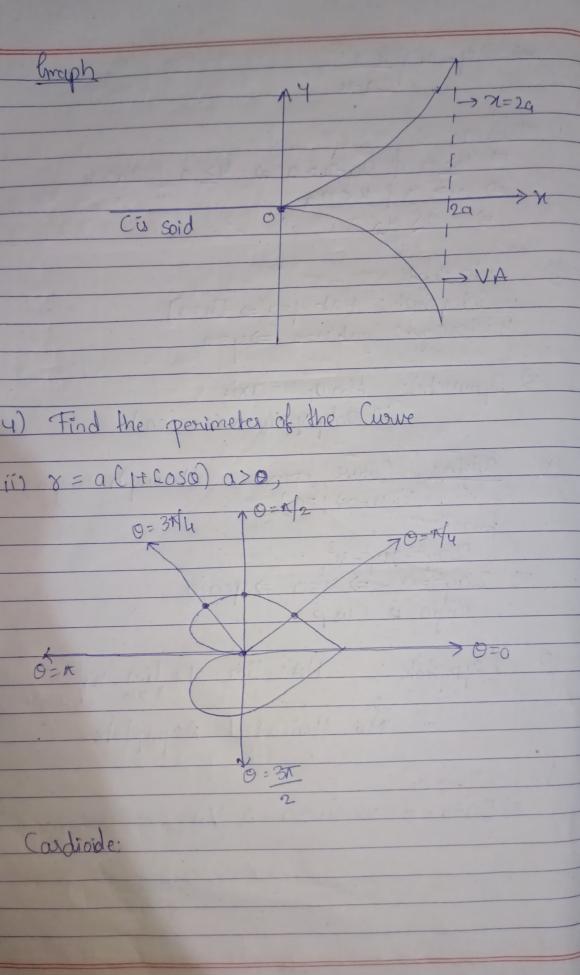


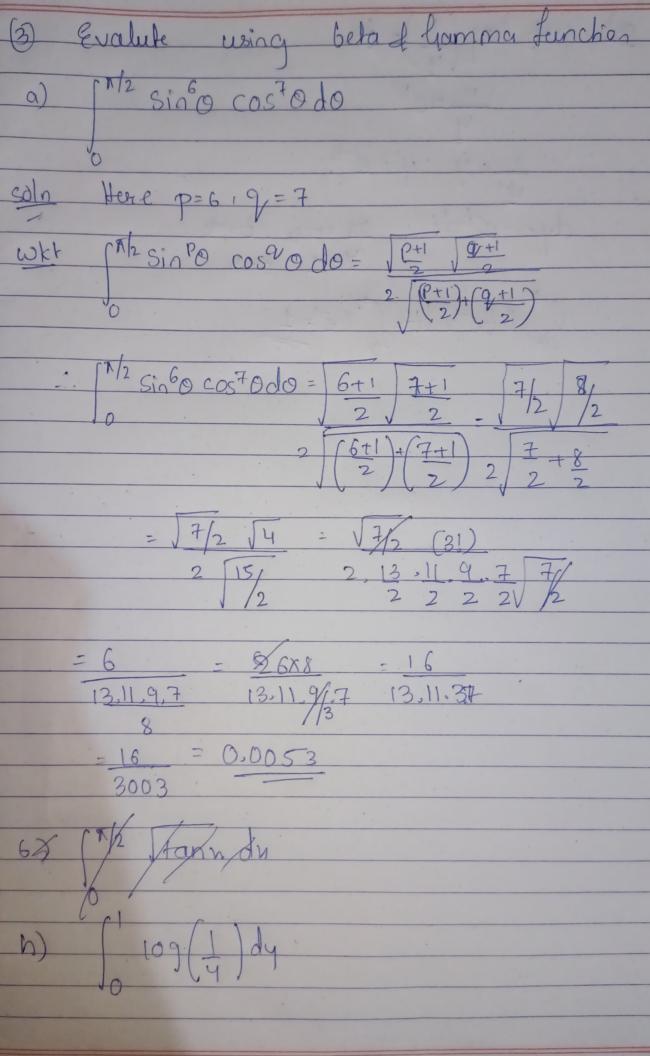
(n) En2-5 D3+11-12 => 26n = E'n is det (: P=1) by P-soiler 1 = 1 (+0) : By limit Comparison test Ean is also det v) 1+ 22 + 32 + 42 + 12 + 13 | 41 Cliven Service = 5° n° $n=1 \quad n_{1}$ $n_{1} \quad (n+1)^{\circ} = (n+1)^{\circ}$ $n_{1} \quad (n+1)^{\circ} \quad (n+1)^{\circ}$ = n+1

 $\frac{1}{n \Rightarrow a} \frac{1}{an} = \frac{1}{n \Rightarrow a} \frac{1}{n \Rightarrow a} = \frac{1}{n \Rightarrow a} \frac{1}{n \Rightarrow a} = \frac{1}{n \Rightarrow a} \frac{1}{n \Rightarrow a} \frac{1}{n \Rightarrow a} = \frac{1}{n \Rightarrow a} \frac{1}{n \Rightarrow a}$ -. By Pahio test 5 rt is cgt/ 1) Expand tann in powers of f(n-T), Hence had the value of tran 46 considering it first 4. f(n) = founn f'(n)=sec2n f'(n)=2 (sec3ntann) f''(n)=6sec3n-4sec2n Taylor's series at n= Tis tan T = f(T)+f'(T)(n-T)+f"(T)(n-T)+ (T) (N-T) +--

$$\frac{1}{4} \frac{1}{4} \frac{1$$

1.	3) origin The curve does not press through the origin	=> <= u \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
	4) largent value of 8 is a	1) Demais
n:	5) table	$\Rightarrow N > 0 \Leftrightarrow 2q - N > 0 \Rightarrow N > 0 \Leftrightarrow 2q > N > 0$ $\Rightarrow N \geq 0 \Leftrightarrow N \leq 2q$ $\Rightarrow 0 \leq N \leq 2q$
	t 0 F/2 T 3F/2 2T Y 9 0 -9 0 9 dy 0 -0 0 0 0	2) Intercepts N-intercept: put y=0 => [n=0] y intercept: put n=0 => y=0
	dn / 8	3) Symmetric: About N=axis (: only ypowns is even)
	2 2 4 6 8	(") $(1 - 0)$ (
	-6	Origin is Clus P
	-8.	(5) Asymptok: HA: lim 4-lim n n n No Honzantal Asymptote
	.y² (2q-n)- n³	VA: 4-20 => 20-4=0 => N=20 3 VA
-)	$\frac{y^2 - y^2}{2q - \lambda} \Rightarrow y^2 - y^2, y$	





et y ; y = e-t et dy - e-t dt cus y=0 y=1 10 t (-e-t) dt= fote!=1