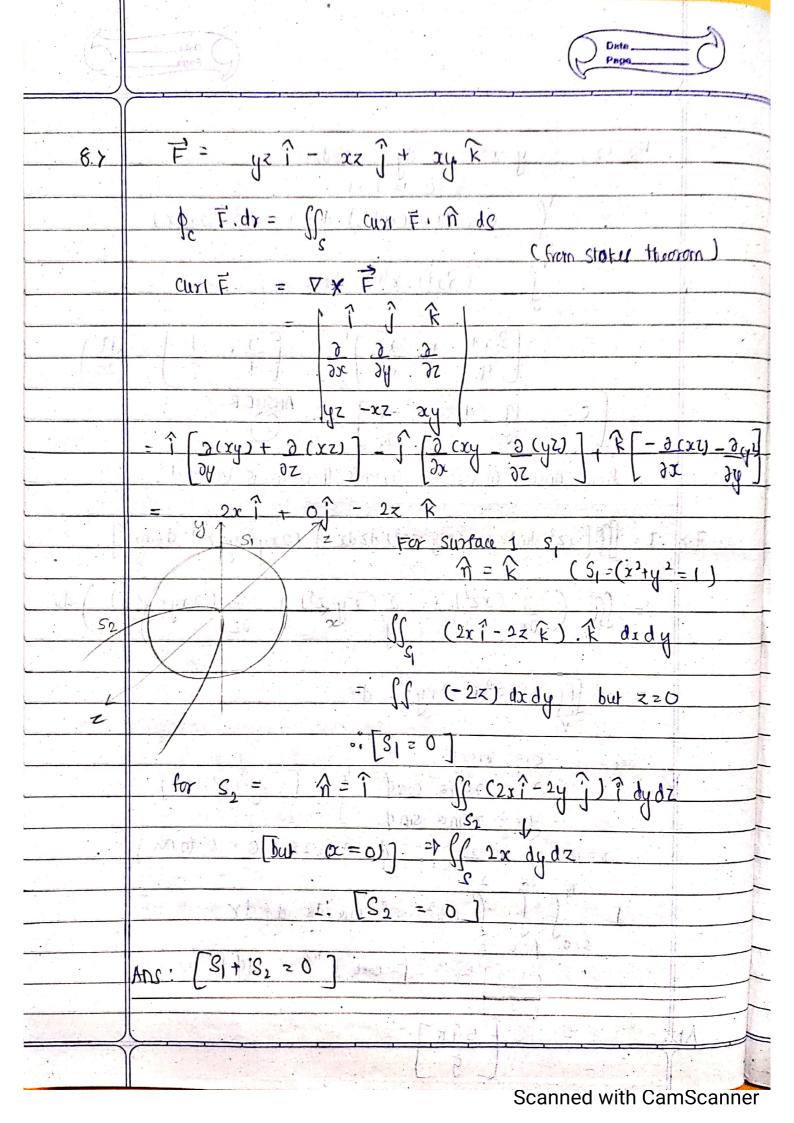


	For C_2 , $y=x^2$ $dy=2xdx$
	x=0 bl=1
	$= \left(\left(x(x_3) + (x_3)_1 \right) qx + x_1 \left(xqx \right) \right)$
	$= (3x^3 + x^4) dx$
	3
	$= \frac{3x^{4} + x^{5}}{4} = \frac{3}{4} + \frac{1}{6} = \frac{19}{20}$
	$\begin{bmatrix} 4 & 5 \end{bmatrix}$
	C = 19 1 = -17 ANSWER
	20 20
-	Rom Answer O LO Green's theorem is Verified.
2	
7.7	I = [xz2 dydz + (x2y-z3) dzdx + (2xy+y2z) dxdy]
	$= \iiint \left(\frac{\partial x}{\partial x} - \frac{\partial y}{\partial y} + \frac{\partial (z^2y - z^3)}{\partial z} + \frac{\partial (z^2y + y^2z)}{\partial z} \right) dv$
	My lax ay az
	Z
	$= \iiint (z^2 + x^2 + y^2) dv$
	V Z
	det Z = rearo
	x^2 rsine cos $\left(x^2+y^2+z^2=\delta^2\right)$
	y = rsina sind]
	8=0 to 8=2 φ=0 to 2π 0 = 0 to (N2)
	1 2
	$I = \int \int (x^2) x^2 \sin \alpha d\alpha d\alpha d\gamma$
	0=0 β=0 δ
	7 7 7 70
AN	$c_2 = \frac{5}{5}$
- N	$\frac{67}{5}$



1/	15 th	Data———————————————————————————————————
9.>	(i)	1237
-4.7		2.4 7
		3610
	~	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
	, <u>k</u>	0 0 1
		0 0
	~	1 2 3 R3 - R3 - R2
		0 0 0 0
- V		O D O s John To when the singer hand at
	[Ror	of mabix = 2]
,		
ī	اع (آنا	0 1 2 -2
	K2	4 0 2 6
	R3	2 1 3 1
, · · ·	N IIA	2-1 3 (1-1)
		4026
		$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
-	~	1 12 - 32
	1 '	7 6 -2 6
		$\begin{bmatrix} 1 & 1 & 2 & -1 \\ 1 & 1 & 32 & 12 \end{bmatrix} \qquad \begin{bmatrix} R_1 \rightarrow R_2 - (R_1 \times 4) \\ R_2 \rightarrow R_3 - (R_1 \times 4) \end{bmatrix}$
	~	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
		0 1 2 -2
	~	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
		0 - 2 - 4 - 4
		0 0 0 0
61	V 191 -	1 1 1 - 1 1 - 1 + C
	Mrs.	Ronk of Matrix 15 2.
		Scanned with CamScanner

