					(VT)
उ) Locati th	e centroids	of the foll	owing area.		
(C)	c r)	30 %	30 70 20 70 20	*	(1)	
	Component	ovea 'a'	(2) a du tance	du tan ce kom (1)-(1)	an mm ³	ay
_	Javane Cin and	30 x 30 = 900	from $\binom{2}{-\binom{2}{2}}$ $-\frac{b}{2}$ -30	$\frac{1}{\frac{1}{2}}$ $= \frac{30}{2}$		13500
	quadrant)	Street.	= -15 (and quadrant x is -ve)	= 15		-
	Quarter arche	1112 4 - 11 (80)2	$\frac{4r}{3\pi}$ $= 4(30)$	$\frac{4\tau}{3\pi}$ $= 4(30)$	४ १ १४,33	8998-33
	7)	706.86	3 T = 12.73	3TI = 12,73		
A CONTRACTOR OF THE PARTY OF TH	Quarter in circle in	- II (30) ²	$-\left(30-\frac{4(r)}{3\pi}\right)$	30 - 4(r) 3TT	12207.47	
	Contract line	706.86	= 130 - 12.73	= 30 - 12,73	T.	- 12207 - 47
	indicates indicates is cut out so ava is	Za = 900	=-17.27 x -ve in II quadrant		Zan = 7705.75	킨ay - 10 & 90 · 86

