	e) If po=k, fund the selectively, show that essential K is 10%	If f(x,y)= 8x+10 p2+18x4-4x-6y+1, from		makun	1 1 1	Q1 Altempt All. (2x7=14) marks	Expinewish Mathematics Section-A	Model Question Paper
talculate yn (0).	b) If y= em(os) x, shaw that - (n+m²)yn=0. sho	Henre Compute A. Also evaluate A6-2A5 + 9A4-2A3-12A2+23A-9I	a) Verify Cayley Hamilton Chrosen for A=[2-1]	Section-6.	A III	hind orleans or fine	Find area parmaged of more A=x and	b) bind 1=1 08 1=1 (Demise)

$\omega = x^3 + y^3 + y^3 = 3xy^3$ are functionally	x+y+3=69 x+24+38=10, x+24+03=1 bous
4=2(+4+)2-2)(4-242-2)x	b) Investigate for what values of A and M.
Hume compute	Marriel Jem. Munic find A-1
to and	termine two non-
tan-1/4) ix	Allempt
- Hichard in Thypy I pared in the contract of	(+a
80 00	Seehin-C
busine that may + ay + ay =0.	1 2 the planes x=0, X=1, y=0, y=1, 3=0,8=1
9) 3-x,x-y) Then	e) Verity Cours Divergence theorem for F=4x3C-4ft
= 3 2 ² 2 = -	1 - 1
Trace the curve 4- (2a-x) = x3	E
Of a Altempt any one part (7x1=7)	Hisat octant
2 1-6	
8 3	and minimum
en iii) infin	c) of Antition one state of compie (and 1)
11	Date