BE	zil-ullin-than agg-0001 by.		
1 Ext 13	3.86-		
01)		(c). f(x,y)= 2x-2y-0	
7).6	$(x-2)^2+(y+1)^2$	f'(x,y)	0
Ansa	('(xy)=2(x-2)=0 2x-4=0	= -2y= 0 (10,0)	
	4 (7.71; 4 (14.1)	(E)	
	C.P. (2, -1). (y=-2)	$f_{xx} = 2$ , $f_{yy} = -2$	
	fi = 2, fay=0 0= 470, fxx70	$(2)(-2) - (0)^2 =$	- 1
	tyy = 2 solel main at	Sa	He Pointat (0,0).
	(2,-1)=	89).	
(6).	f'(x,y) = -2x = 0	Ans: - fx= y+2 -) =0 y	=-2
Ansi	f'(x,y)=-2y=0 CP(0,0)	y= 2y+x+3=0	
*	fix: -2, fy=-2, fxy=0 so Relmax	21-2)+2+3=0	(2,-2)
9	(40).	(X=2)	
(c).	f(x,y)= 2 (0,0)	$f_{xx}=0$ , $f_{xy}=1$	
AG.	f(x)) = 2 (1)(a) - 0 = 0	Tyy = 2	Pallefantat (1,-2).
	Me, Min, Max, includive	010).	
(B2)		Ans: fx = 2x+y-2 = 0 2(2)	+ 4-2=0
(a).	f'(x,y) = - fx-	y= x-2=0 (y	=-2
RO	-2(x+1)=0 -> -2x-2=0	7(=2) CP0(a)-a	)
1	f'(x,y) = -2(y-s) =,0 (=-1)	fxx=2 fxy=21 fyy=0	SaddlePoint
	-2y+10=0 (-1,5)	fyy = 0	al (2,2)
	(1=5)	O11). fx= 2x+y-3-0	
(6).	Txx = -2, fy=-2, fxy=0 -> So Relmax	at(-1,5). y= x+ay=6	7.0
do-	fry) = yexy = g -> y= 0 c.P(0,0)	ol. (x = -2y) -	a = 6/5
1	fyn xet = 0 = x=0 50 0	inconclusive - 44+4-3=	0 (6/5, -3/5)
		(x=2 - ty-3= 0	
	(2)(a) - (1) -9(3) ( So Relmand	GENIUS $y = -\frac{3}{5}$	
	Sondmarat	JJ -	

