





No			
Question Three			
A-Ho: Q1 = X2 = Xa = 0			
Hai at least one of the dris not equal			
Ho: B = B = 0			
Ha: at least one of the B; is not equal			
$H_o^{"}: (\alpha \beta)_{11} : (\alpha \beta)_{12} - (\alpha \beta)_{ab} = 0$			
Ha: at least one of the (aB) is not equal a=3			
Source	55 JF	M5	6=4
A		5= 14-52/2	= 7.26 $n = 2.9$
B	100	52=40.08/3	
AB	22.16 6		
	14-91 12	52 = 14-91 (1	
C 52 7.26 5 85 P 52 13.36 10.77 C 53 5 3.69			
$\frac{1}{5^2}$ 1.24 $\frac{1}{5^2}$ $\frac{1}{1.24}$ $\frac{1}{5^2}$ $\frac{1}{1.24}$ $\frac{1}{5^2}$ $\frac{1}{1.24}$ $$			
Frate (0/08/1 Ftable (a, df, ab (n-1)) = f(0.05, 2, 12) = 3.89			
First reject Ho, Ho = f(0.5,3,12)=3.49			
F2 accept Ho = f3(0.05,6,12)=3.00			
B- a=	3 b-3	C=2	
Source	1 55	1800	MS FOMP
A	55A=13-98	9-1=2	5;2= 13.98/2 f= 13.98/2
В	55B=10.18	6-1-2	52=10.18/2 = 10.18/2
	SSC= 1.19	C-1 = 1	532 = 1.19/1 - 1 - 13 = 1.19/1
_AB	SSAB = 4.77	(a-1)(b-1) = 4	S4 = 4-77/4 F4 = 4-7714
AC	SSAC , 2.91	(a-1)(c-1) = 2	55 × 2-91/2 F5 = 2.91/2
BC	SSBC = 3-63	(b-1) (C-1) = 2	56 5 3.63/2 86 - 3.63/2
ABC	SSABC : 4.91	(a-1)(b-1)(C-1) =	1
Ever	55E= 21.6	abch-1)=18	(5°= 21.6/18)
C1 (2, df, abc(n-1)) = f1-3.32 f2=3.32 f3=4.17 F4=2.69			
CONTAINE TO SALL			
Frankt > F borble realest Ho			
		II V JAMES	.0





