JOY MATUBBERY 20-41959-1

Section : 01 Serial = 07

Assignment-03

	7		and the	- /1	7)4		
.	Highways	L'As C	1	2	3	4	Total
-	No. of read	aceidents (Oi)	50	-42	32	82	206

We need to test Ho: P1 = P2 = P3 = P4 vo 141: At least one of them doesn't hold test of tatistic.

$$\chi^{2} = \sum \frac{0!}{E!} - n \qquad E_{i} = \frac{n}{100} + \frac{206}{100} = \frac{161.6}{100}$$

$$= 161.6$$

$$= 161.6$$

Since, 22>21 50, Ho is not Accepted.

Description of the second	1 1 1 1 1 1 1 1	11	1	1	1
Pepantment	1	2	3/1	JOH 1450	7 10
No of temple ctudent lost	1.50	-		4	10401
No. of Jemale student (01)	マら0	450	150	180	1000
10 into a design				170	1000

We need to test to: P_=P2=P3=P4 Vs Az: At least one of them doesnot hold test statistice

Now, $n^2 = \frac{Oi}{Ei} - n = \frac{1250^4 \text{ less } + \text{ le$

$$\mathcal{Z}^2 = Z \frac{O_i}{E_i} - n = I 250^{\circ}$$

So, to 15 not Accepted. I of De Doch Inburno

ID: 20-41959-1

40= 10 in 2

Servial: 107 section=[0]

10.5 Guren that

$$M_0 = 21.$$
 $\sqrt{2} = \frac{1}{3} \times 761.6$
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Sin ca

12/2 2001) 303 Ho is Accepted. And we

Can comsider the population mean as 21.

61 [68] 58 [10] In 10.7 We need to fost to: Po=P = 0.40 vg liter +Po

$$P = \frac{9}{25} = \frac{8}{25} = 0.32$$
; $G_{0} = 1 - P_{0}$
 $P = 0.40$ $= 1 - 0.40$
 $= 0.60$

$$=0.6$$

50, \$121 (1.96, to 15 Ace epted at con be considered that o.40 is the female saulor ATUB GOY MATUBBER 20-41959-1

Section - [o] Serial: 07

10.9 We need to test Ho : P1 = P2 Vs H1: P, 7 P2

$$P = \frac{25 + 18}{100 + 125} = 0.19 \ 0.01 \ | P_1 = \frac{25}{100} = 0.25$$

$$9 = 9 - 1 - 0.19 = 0.81 \ | P_2 = \frac{18}{125} = 0.144$$
Statistic 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0

Test statistic 12 = P1-42'

Since, 121>1.96, 90, Ho is not Accepted, 50, We can not consider that the probation problem is not same son boxs and Still at AIVB! 10/01

10.11

88413

Blood Pressure	od pressure Heart problem						
5,711.33	73.80 Yeson	No	はらいなりい				
High	1-202 (20	120	,				
Not High	122	198	- 1 (1)				

$$a+c = (150^{\circ}+120)=272$$
 And,
 $a+b = (150+120)=270$ ad = 150 x 168
 $b+d = (120+158)=278$
 $c+d = (122+158)'=280$ bc = 14640

and notho

Test statistic: 22 - n(ad-bc) (a+6) (a+c) (a+d) (a+d) - 150 (23700 - 14640)² 270 x272 x278 x280 7 205,9 Ci odelfata test since x2 LXWD : 30, 20 is Accepted. 10.12 Total Rosidontal oragin attention NO 202 Rural 02 polymon 128 64 148 corbonies for all melyng none 84 350 Total 148 202 Harre, T. I Test statistic: 22- n (ad-bc)2 ad=198 X34 = 11502 = 380 (1592-4096)2 be = 64×64 202 x202 x148 x 148 = 4096 = 22.12 7=350 sinces x > x (n-1); 30, Ho (15 not Accepted. be = The HU 088- (48/+501) = 860