TASKII

DI:- 40: 11-100 (corn starch ade an expect)

4. : u + 100 (com teuch ded not add an espeel)

Alpha = 0.05 2 0.025 (2 tail kel)

prom 1 tabl 1-0.025 = 0.975 is 1.96.

from $\chi = \frac{\pi}{5} - \mu_0 = \frac{108 - 100}{15/56} = \frac{8}{515/62} = 3.2a$

tune the 'k' value is juch in Rejusion Region.

we can rejust the null hypothesis Ho.

tune, the corn stack did drd not work.

82: R, = 0.82 D, = 0.48

RL2 0-47 D220,53

Digruene in mean = E (RI-R2) = 0.52-047-0.057

2

SD= T= R1 (1-R1) + R2 (1-R2)

(0.52) (0.48) + (0.47) (0.53)

J= 0.0706

11 - 2 (Achal - espera) caperal

762 = 8.006/

22 value og 3 degree juedon = 7.815

8-006 > 7.815

Hence, we can reject the not hypothus, Education level depends of gender

82:-

X=0.5

7, = 48.2 72 = 56.4 75 = 69.8

squaed deviction

9, = deviation [2.8, -3,2,-16,2, 18.8] [7.84,1024, 231.04,10.24,353.44] 92- deviation [-12,4, 7.6, -12,4, 7.6,9.6] [153.76,57.76,153,76,57.46,92.16]

932 devichor [-13.8, 6.2, 4.2, 17.2, -13.8) [190.44, 38.44, 12.64, 29684, 190.44)

Sum of Aquared = 91: 612.8

921 515.2

95: 732.8

Var, = 612-8: 153.2 Var, = 515.2: 128.8 Var; = 732.8=183.2

7614 (mor = 153.2+128.8+183.4 = 155.07

ANOVATable Error alculation. Of Emer = 15-3 . 12, SSEMOT = (166.07) 12 = 1860.84 Rgrand = 48.2 + 35.4 + 69.8 = 51.13, groop level deviation 46.2 51.13 8.58 9, 36.4 51.13 247.43 92 348,57 69.8 51.13 93 SS mean = 604. 98 Varmen 2 G04,58 = 302,29 MS serven: (302-29) (5) = 1511.464 of group : 3-1=2 SS group = (154.45) (34)=3022.9. F = 1511.45 29.764 \$5cm 155.07 Funition (2,12) = 3.89 nt = 55 group = 3022.9 = 0.62 fot ss So, Hence 9.75 > 3.89 Regect No. nº 0.62. APA = F(2,12)=9.75, p20.05, p20.62.

831 A! W, W, 30, 40, 50

B: 5, 10, 15, 20, 25

N= 5, X12 150 = 304 J= 15.8114 M2 150.

PL= 15 F1 = 7.9057 M2= 62.5

Freef >

= V1/12

= 250/62.5

= 44