$$= \frac{10}{10} \left( \frac{3}{3} + 13 + 10 + \frac{10}{3} + \frac{10}{3} + \frac{10}{10 + \frac{10}{3}} + \frac{10}{(13 - 10)} \right)$$

$$= \frac{10}{(8 - 10)_3} + \frac{10}{(11 - 10)_9} + \frac{10}{(0 - 10)_3} + \frac{10}{(13 - 10)_9} + \frac{10}{(30 - 10)_3} + \frac{10}{(4 - 10)_9}$$

degrees of freedom are 6-1=5
p-vulue <0.01
we reject the null

2. Ho: tax opinion independent from income Ha: tax opinion is not independent

$$\frac{313.848}{500.438} + \frac{(127-135.836)}{(183-300.438)_{3}} + \frac{(127-135.836)_{3}}{(180-135.836)_{3}} + \frac{(127-135.836)_{3}}{(180-135.836)_{3}}$$

degree of freedom (3-1)(2-1)=2

critical vulue - 9.21

Fail to reject the null cup test value is Dess than critical value